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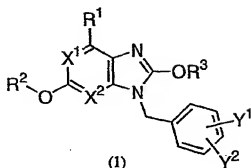
【書類名】 明細書

【発明の名称】 新規複素環化合物

【特許請求の範囲】

【請求項1】 一般式(1)

【化1】



(式中、X¹およびX²は共に窒素原子を表すか、X¹は窒素原子でX²はCHを表すかまたはX¹はCHでX²は窒素原子を表す。

R¹はアミノ基、アルキルアミノ基、置換アルキルアミノ基、ジアルキルアミノ基または脂環式複素環基を表す。

R²は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラール基、置換アラール基、複素環基または置換複素環基を表す。

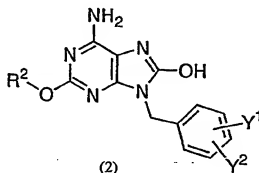
R³は水素原子、アルキル基、置換アルキル基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、アルコキシカルボニル基、置換アルコキシカルボニル基、ベンジルオキシカルボニル基または置換ベンジルオキシカルボニル基を表す。

Y¹は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

Y²は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコシカルボニル基、置換アルコシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)で表される複素環化合物またはその医薬的に許容される塩。

【請求項2】 一般式(2)

【化2】



(式中、R²は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラール基、置換アラール基、複素環基または置換複素環基を表す。

Y¹は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコシカルボニル基、置換アルコシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

Y²は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコシカルボニル基、置換アルコシカルボニル基

、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)で表される複素環化合物またはその医薬的に許容される塩。

【請求項3】 R^2 がアルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラルキル基、置換アラルキル基、複素環基または置換複素環基であり、 Y^1 が水素原子、アルコキシ基、置換アルコキシ基、ハロゲン原子またはニトロ基であり、 Y^2 が水素原子、アルコキシ基、置換アルコキシ基、ハロゲン原子またはニトロ基である請求項1または2記載の複素環化合物またはその医薬的に許容される塩。

【請求項4】 R^2 がアルキル基、置換アルキル基、アリール基、置換アリール基、アラルキル基、置換アラルキル基、複素環基または置換複素環基である請求項1または2に記載の複素環化合物またはその医薬的に許容される塩。

【請求項5】 請求項1、2、3または4に記載の化合物を有効成分とする医薬組成物。

【請求項6】 請求項1、2、3または4に記載の複素環化合物またはその医薬的に許容される塩を有効成分とするインターフェロン誘導剤。

【請求項7】 請求項1、2、3または4に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする抗ウイルス剤。

【請求項8】 請求項1、2、3または4に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする抗癌剤。

【請求項9】 請求項1、2、3または4に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする免疫疾患治療剤。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】

本発明は、インターフェロン生成誘導活性を有する新規な複素環化合物に関する。本発明の複素環化合物は、生体内において、内在性インターフェロンの生成を誘導し、具体的には抗ウイルス剤、抗癌剤あるいは免疫疾患治療剤等の医薬として有用である。

【0002】

【従来の技術】

近年になり、生体内において内在性インターフェロンがウイルスおよび微生物感染に対する生体防御機構の中で中心的役割を果たしていると同時に、抗腫瘍、免疫調節上も重要な役割を果たしていることが明らかにされつつある。即ち、これまでにインターフェロンの大量製造技術が確立され、培養細胞より天然型インターフェロンが容易に入手可能になったこと、またインターフェロン遺伝子を導入した大腸菌内より組換えインターフェロンが大量に製造可能となったことから、これらのインターフェロンを用いて多くの研究結果が積み重ねられてきた。具体的には、インターフェロンには、抗ウイルス作用、細胞増殖抑制作用および免疫調節作用等の多彩な生物学的作用が確かめられており、臨床でもB型およびC型肝炎等のウイルス性疾患治療剤、あるいは癌および免疫疾患治療剤として既に実

用化もなされている。また、インターフェロンはB型およびC型肝炎における発癌を抑制する効果を有することも示唆されている。ところで、上記疾患の多くは他に有効な治療法がないことから、とりわけインターフェロンが重用されている。

【0003】

【発明が解決しようとする課題】

本発明の課題は、インターフェロン生合成誘導活性を有する新規な低分子化合物、並びにこれを有効成分とする抗ウイルス剤、抗癌剤、免疫疾患治療剤を提供することにある。

【0004】

【課題を解決するための手段】

インターフェロンの生合成を誘導する物質としては、各種動物ウイルスや、細菌、原生動物等の微生物およびその抽出物、マイトジェン、特異抗原、免疫賦活剤が知られている。例えば、各種天然型二本鎖RNAやpoly I:Cのような合成二本鎖RNA、およびポリアクリル酸や亜塩素酸塩酸化オキシアミロース等の陰イオン性高分子化合物にインターフェロン誘導作用を有することが知られている。

一方、低分子化合物でも、フルオレノン類、ピリミジン誘導体、アントラキノン類、アクリジン系化合物等にインターフェロン誘導作用を持つものが見出されている(Stringfellow, D. A.: *Methods in Enzymology*, 1981, 78, 262)。しかし、これらの化合物を臨床試験に付した際には、予想外にインターフェロンの誘導能が低いことと強い副作用あるいは反復投与時の誘導能低下等のことから、これら化合物の開発は成功していない。また、イミダゾキノリン類も低分子のインターフェロン誘導剤として知られているが、これら化合物のインターフェロン選択的誘導能は低く、IL-6、TNF- α 等のサイトカインも同時に誘発することが知られている(Testerman, T. L., et al.: *J. Leukocyte Biol.*, 1995, 58, 365)。

【0005】

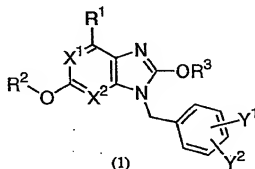
かかる背景から、本発明者らは低分子のインターフェロン生合成誘導剤を開発すべく鋭意検討した結果、本発明の複素環化合物が、顕著なインターフェロン生合成誘導活性を有することを見出し、本発明を完成するに至った。

【0006】

即ち、本発明は、

(a) 一般式(1)

【化3】



(式中、 X^1 および X^2 は共に窒素原子を表すか、 X^1 は窒素原子で X^2 はCHを表すかまたは X^1 はCHで X^2 は窒素原子を表す。

R^1 はアミノ基、アルキルアミノ基、置換アルキルアミノ基、ジアルキルアミノ基または脂環式複素環基を表す。

R^2 は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラール基、置換アラール基、複素環基または置換複素環基を表す。

R^3 は水素原子、アルキル基、置換アルキル基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、アルコキシカルボニル基、置換アルコキシカルボニル基、ベンジルオキシカルボニル基または置換ベンジルオキシカルボニル基を表す。

Y^1 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

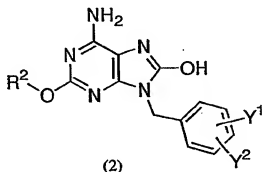
Y²は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシ基、アルコシカルボニル基、置換アルコシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)で示される複素環化合物またはその医薬的に許容される塩に関する。

【0007】

具体的には、本発明は

(b) 一般式(2)

【化4】



(式中、 R^2 は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラルキル基、置換アラルキル基、複素環基または置換複素環基を表す。

Y^1 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

Y^2 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)で示される複素環化合物またはその医薬的に許容される塩に関する。

【0008】

更に具体的には、本発明は

(c) 上記一般式(1)または(2)において R^2 がアルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラルキル基、置換アラルキル基、複素環基または置換複素環基であり、 Y^1 が水素原子、アルコキシ基、置換アルコキシ基、ハロゲン原子またはニトロ基であり、 Y^2 が水素原子、アルコキシ基、置換アルコキシ基、ハロゲン原子またはニトロ基である(a)または(b)記載の複素環化合物またはその医薬的に許容される塩に関する。

【0009】

更に具体的には、本発明は

(d) 上記一般式(1)または(2)において R^2 がアルキル基、置換アルキル基、アリール基、置換アリール基、アラルキル基、置換アラルキル基、複素環基または置換複素環基である(a)および(b)に記載の複素環化合物またはその医薬的に許容される塩に関する。

【0010】

また、本発明は

(e) 上記(a)、(b)、(c)または(d)に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする医薬組成物または

(f) 上記(a)、(b)、(c)または(d)に記載の複素環化合物またはその医薬的に許容される塩を有効成分とするインターフェロン誘導剤に関する。

【0011】

具体的には、本発明は

(g) 上記(a)、(b)、(c)または(d)に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする抗ウイルス剤、

(h) 上記(a)、(b)、(c)または(d)に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする抗癌剤または

(i) 上記(a)、(b)、(c)または(d)に記載の複素環化合物またはその医薬的に許容される塩を有効成分とする免疫疾患治療剤に関する。

【0012】

本発明において好ましい化合物群としては

(j) 上記一般式(1)において R^3 が水素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(k) 上記一般式(1)において R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(l) 上記一般式(1)において R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 がCHである(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(m) 上記一般式(1)において R^3 が水素原子であり、 X^1 がCHであり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

【0013】

本発明において好ましい化合物群としては

(n) 上記一般式(1)において R^1 がアミノ基であり、 R^3 が水素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(o) 上記一般式(1)において R^1 がアミノ基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(p) 上記一般式(1)において R^1 がアミノ基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 がCHである(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(q) 上記一般式(1)において R^1 がアミノ基であり、 R^3 が水素原子であり、 X

1 がCHであり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

【0014】

本発明において好ましい化合物群としては

(r) 上記一般式(1)において R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(s) 上記一般式(1)において R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(t) 上記一般式(1)において R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(u) 上記一般式(1)において R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 がCHである(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(v) 上記一般式(1)において R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 がCHであり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

【0015】

本発明において好ましい化合物群としては

(w) 上記一般式(1)において R^1 がアミノ基であり、 R^2 がアルキル基、置換ア

ルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(x) 上記一般式(1)において R^1 がアミノ基であり、 R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

(y) 上記一般式(1)において R^1 がアミノ基であり、 R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 が窒素原子であり、 X^2 がCHである(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

本発明において好ましい化合物群としては

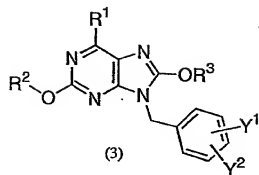
(z) 上記一般式(1)において R^1 がアミノ基であり、 R^2 がアルキル基、置換アルキル基、アラルキル基または置換アラルキル基であり、 R^3 が水素原子であり、 X^1 がCHであり、 X^2 が窒素原子である(a)記載の複素環化合物またはその医薬的に許容される塩が挙げられる。

[0016]

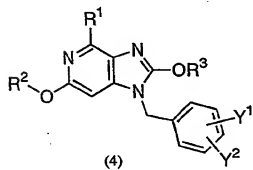
【発明の実施の形態】

本発明の一般式(1)で表される化合物は、下記の式(3)、式(4)および式(5)で表される化合物を含む。

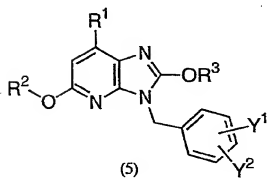
【化5】



【化6】



【化7】



(式中、 R^1 はアミノ基、アルキルアミノ基、置換アルキルアミノ基、ジアルキルアミノ基または脂環式複素環基を表す。

R^2 は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラールキル基、置換アラールキル基、複素環基または置換複素環基を表す。

R^3 は水素原子、アルキル基、置換アルキル基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、アルコキシカルボニル基、置換アルコキシカルボニル基、ベンジルオキシカルボニル基または置換ベンジルオキシカルボニル基を表す。

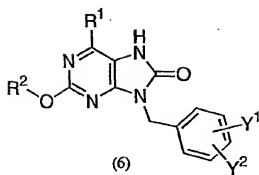
Y^1 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

Y^2 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)

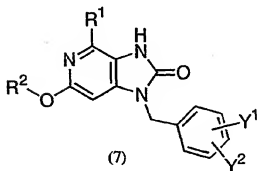
[0017]

なお、 R^3 が水素原子の場合には、それぞれ下記の式(6)、式(7)および式(8)で表される互変異性体との平衡混合物になっている。

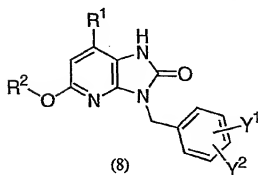
【化8】



【化9】



【化10】



(式中、 R^1 はアミノ基、アルキルアミノ基、置換アルキルアミノ基、ジアルキルアミノ基または脂環式複素環基を表す。

R^2 は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基、アルキニル基、置換アルキニル基、アリール基、置換アリール基、アラールキル基、置換アラールキル基、複素環基または置換複素環基を表す。

R^3 は水素原子、アルキル基、置換アルキル基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、アルコキシカルボニル基、置換アルコキシカルボニル基、ベンジルオキシカルボニル基または置換ベンジルオキシカルボニル基を表す。

Y^1 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。

Y^2 は水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基、置換アルカノイル基、アロイル基、置換アロイル基、カルボキシル基、アルコキシカルボニル基、置換アルコキシカルボニル基、アミノ基、モノアルキルアミノ基、ジアルキルアミノ基、カルバモイル基、アルキルカルバモイル基、ジアルキルカルバモイル基、ハロゲン原子、ニトロ基またはシアノ基を表す。)

【0018】

本発明化合物(1)における R^1 、 R^2 、 R^3 、 Y^1 および Y^2 における基を具体的に説明する。

【0019】

R^1 におけるアルキルアミノ基としては、例えば、炭素数1~6の直鎖または分枝状のアルキル基(例えば、メチル基、エチル基、プロピル基、ブチル基、ペンチル基、ヘキシル基等が挙げられる。)、炭素数3~7のシクロアルキル基(例えば、シクロプロピル基、シクロペンチル基、シクロヘキシル基、シクロヘプチル基等が挙げられる。)、炭素数4~10のシクロアルキルアルキル基(例えば、シクロプロピルメチル基、シクロペンチルメチル基、シクロヘキシルメチル基、

シクロヘキシルエチル基等が挙げられる。)等で置換されたアミノ基等が挙げられる。具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基、ペンチルアミノ基、ヘキシルアミノ基、シクロプロピルアミノ基、シクロペンチルアミノ基、シクロヘキシルアミノ基、シクロヘブチルアミノ基、シクロプロピルメチルアミノ基、シクロペンチルメチルアミノ基、シクロヘキシルメチルアミノ、2-シクロヘキシルエチルアミノ基等が挙げられる。

【0020】

R^1 における置換アルキルアミノ基としては、置換基で置換されたアルキル基(例えば、炭素数1~6の直鎖または分枝状のアルキル基(例えば、メチル基、エチル基、プロピル基、ブチル基、ペンチル基、ヘキシル基等が挙げられる。)、炭素数3~7のシクロアルキル基(例えば、シクロプロピル基、シクロペンチル基、シクロヘキシル基、シクロヘブチル基等が挙げられる。)、炭素数4~10のシクロアルキルアルキル基(例えば、シクロプロピルメチル基、シクロペンチルメチル基、シクロヘキシルメチル基、シクロヘキシルエチル基等が挙げられる。))等が挙げられる。)で置換されたアミノ基等が挙げられる。置換基としては、例えば、脂環式複素環基(例えば、窒素原子を1~2個および酸素原子を0~1個を含む脂環式複素環基等が挙げられ、具体的には、例えば、ピロリジニル基、ピペリジニル基、テトラヒドロアゼピニル基、モルホリニル基等が挙げられる。)等が挙げられる。

【0021】

R^1 におけるジアルキルアミノ基としては、同一または異なった炭素数1~6の直鎖あるいは分枝状のアルキル基(例えば、メチル基、エチル基、プロピル基、ブチル基、ペンチル基、ヘキシル基等が挙げられる。)等が置換したアミノ基が挙げられる。具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基、ジプロピルアミノ基等が挙げられる。

【0022】

R^1 における脂環式複素環基としては、例えば、窒素原子を1~2個および酸素原子を0~1個を含む脂環式複素環基等が挙げられ、具体的には、例えば、1-ピロリジニル基、1-ピペリジニル基、1-ピペラジニル基、テトラヒドロアゼ

ビン-1-イル基、4-ホルホリニル基等が挙げられる。

【0023】

R^2 におけるアルキル基としては、例えば、炭素数1~10の直鎖状あるいは分枝状のアルキル基(例えばメチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。)、炭素数3~7のシクロアルキル基(例えば、シクロプロピル基、シクロペンチル基、シクロヘキシル基、シクロヘプチル基等が挙げられる。)、炭素数4~10のシクロアルキルアルキル基(例えば、シクロプロピルメチル基、シクロペンチルメチル基、シクロヘキシルメチル基、シクロヘキシルエチル基等が挙げられる。)等が挙げられる。好ましいものとしては、例えば、炭素数1~6の直鎖状あるいは分枝状のアルキル基(例えば、メチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。)、炭素数5~7のシクロアルキル基(例えば、シクロペンチル基、シクロヘキシル基等)等が挙げられる。)、炭素数5~8のシクロアルキルアルキル基(例えば、シクロヘキシルメチル基等が挙げられる。)等が挙げられる。

【0024】

R^2 における置換アルキル基としては、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数1~10の直鎖状あるいは分枝状のアルキル基(例えばメチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。)、炭素数3~7個のシクロアルキル基(例えば、シクロペンチル基、シクロヘキシル基、シクロヘプチル基等が挙げられる。)、炭素数4~

10のシクロアルキルアルキル基(例えば、シクロプロピルメチル基、シクロペンチルメチル基、シクロヘキシルメチル基、シクロヘキシルエチル基等が挙げられる。)等が挙げられる。当該置換基としては具体的に例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1~6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば、同一または異なった2個の炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、カルバモイル基、アルキルカルバモイル基(例えば、炭素数1~6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には、例えば、メチルカルバモイル基、エチルカルバモイル基、プロピルカルバモイル基、ブチルカルバモイル基等が挙げられる。)、ジアルキルカルバモイル基(例えば、同一または異なった炭素数1~6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、ジメチルカルバモイル基、ジエチルカルバモイル基、エチルメチルカルバモイル基等が挙げられる。)、炭素数1~6アルカノイルアミノ基(例えば、ホルミルアミノ基、アセチルアミノ基、プロパノイルアミノ基、ブタノイルアミノ基、ペンタノイルアミノ基、ヘキサノイルアミノ基等が挙げられる。)、炭素数7~11のアロイルアミノ基(例えば、ベンゾイルアミノ基、p-トルイルアミノ基、ナフトイルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、脂環式複素環基(例えば、窒素原子を1~2個および酸素原子0~1を含む複素環基等が挙げられ、具体的には例えば、ピロリジニル基、ピペリジニル基、ピペラジニル基、モルホリニル基等が挙げられる。)が挙げられる。

【0025】

R^2 におけるアルケニル基としては、例えば、炭素数1～10の直鎖状あるいは分枝状のアルケニル基(例えば、2-プロペニル基、2-ブテニル基、2-メチル-2-プロペニル基、2-ペンテニル基、3-メチル-2-ブテニル基、3-メチル-2-ヘキセニル基等が挙げられる。)、炭素数5～8シクロアルケニル基(例えば、シクロ-2-ヘキセニル基等が挙げられる。)、炭素数6～10のシクロアルケニルアルキル基(例えば、シクロ-1-ヘキセニルメチル基等が挙げられる。)等が挙げられる。

【0026】

R^2 における置換アルケニル基とは、一つまたは複数個の置換基で置換された炭素数2～10の直鎖状あるいは分枝状のアルケニル基(例えば、2-プロペニル基、2-ブテニル基、2-メチル-2-プロペニル基、2-ペンテニル基、3-メチル-2-ブテニル基、3-メチル-2-ヘキセニル基等が挙げられる。)、炭素数5～8シクロアルケニル基(例えば、シクロ-2-ヘキセニル基等が挙げられる。)、炭素数6～10のシクロアルケニルアルキル基(例えば、シクロ-1-ヘキセニルメチル基等が挙げられる)等が挙げられる。当該置換基としては具体的に例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1～6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7～11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシ基、炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば同一または異なった2個の炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、脂環式複

素環基(例えば窒素原子を1~2個および酸素原子0~1を含む複素環基等が挙げられ、具体的には例えば、ピロリジニル基、ピペリジニル基、ピペラジニル基、モルホリニル基等が挙げられる。)等が挙げられる。

【0027】

R²におけるアルキニル基としては、例えば、炭素数2~10の直鎖または分枝状のアルキニル基等が挙げられ、具体的には例えば、2-プロピニル基、2-ブチニル基、2-ペンチニル基、4-メチル-2-ペンチニル基、4-メチル-2-ヘキシニル基、4-メチル-2-ヘプチニル基等が挙げられる。

【0028】

R²における置換アルキニル基としては、一つまたは同一または異なった複数個の置換基で置換された炭素数2~10の直鎖または分枝状のアルキニル基(具体的には例えば、2-プロピニル基、2-ブチニル基、2-ペンチニル基、4-メチル-2-ペンチニル基、4-メチル-2-ヘキシニル基、4-メチル-2-ヘプチニル基等が挙げられる。)が挙げられる。当該置換基としては具体的に例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1~6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば同一または異なった2個の炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、脂環式複素環基(例えば窒素原子を1~2個および酸素原子0~1を含む複素環基等が挙げられ、具体的には例えば、ピロリジニル基、ピペリジニル基、ピペラジニル基、モルホリニル

ル基等が挙げられる。)等が挙げられる。

【0029】

R^2 におけるアリール基としては、例えば、炭素数6～10の単環式または縮環式アリール基が挙げられ、具体的には例えば、フェニル基、ナフチル基等が挙げられる。

【0030】

R^2 における置換アリール基としては、例えば、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数6～10の単環式または縮環式アリール基(具体的には例えば、フェニル基、ナフチル基等が挙げられる。)が挙げられる。当該置換基としては例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1～6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7～11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2～11のアルコシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、ベンジルオキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば炭素数1～6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば、同一あるいは異なった2つの炭素数1～6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、カルバモイル基、アルキルカルバモイル基(例えば炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、メチルカルバモイル基、エチルカルバモイル基、プロピルカルバモイル基、ブチルカルバモイル基等が挙げられる。)、ジアルキルカルバモイル基(例えば、同一あるいは異なった2つの炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、ジメチルカルバモイル基、ジエチルカルバモイル基、エチルメチルカルバモイル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、

ニトロ基、シアノ基等が挙げられる。

【0031】

R²におけるアラルキル基としては、例えば、炭素数6～10の単環式または縮環式のアリール基で置換された炭素数1～6のアルキル基が挙げられ、具体的には例えば、ベンジル基、フェネチル基等が挙げられる。

【0032】

R²における置換アラルキル基とは、例えば、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数6～10の単環式または縮環式アリール基で置換された炭素数1～6のアルキル基が挙げられる。当該置換基としては例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1～6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7～11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2～11のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、ベンジルオキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば炭素数1～6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば、同一あるいは異なった2つの炭素数1～6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、カルバモイル基、アルキルカルバモイル基(例えば炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、メチルカルバモイル基、エチルカルバモイル基、プロピルカルバモイル基、ブチルカルバモイル基等が挙げられる。)、ジアルキルカルバモイル基(例えば、同一あるいは異なった2つの炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、ジメチルカルバモイル基、ジエチルカルバモイル基、エチルメチルカルバモイル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、ニトロ基、シアノ基等が挙げられ

る。

【0033】

R^2 における複素環基としては、窒素原子が0～3個および酸素原子が0～1個または硫黄原子が0～1個を含む、単環式の飽和複素環基、あるいは単環式または縮環式の不飽和複素環基を表す。ここで単環式飽和複素環基とは、例えば、テトラヒドロフラニル基、ピロリジニル基、モルホリニル基、ピペリジル基、ピペラジニル基、ピラゾリジニル基等の五員環または六員環を形成する飽和複素環基を表す。単環式不飽和複素環基とは、例えば、フリル基、ピロリル基、ピラゾリル基、イミダゾリル基、チアゾリル基、チエニル基、ビリジル基、ピペリジニル基等の五員環または六員環を形成する不飽和複素環基を表す。縮環式不飽和複素環基とは、例えば、インドリル基、イソインドリル基、キノリル基、ベンゾチアゾリル基、クロマニル基、ベンゾフラニル基等の2環性の不飽和複素環基を表す。

【0034】

R^2 における置換複素環基とは、一つまたは同一あるいは異なった複数個の置換基で置換された複素環基が挙げられる。当該複素環基としては、窒素原子が0～3個および酸素原子が0～1個または硫黄原子が0～1個を含む、単環式の飽和複素環基、あるいは単環式または縮環式の不飽和複素環基を表す。ここで単環式飽和複素環基とは、例えば、テトラヒドロフラニル基、ピロリジニル基、モルホリニル基、ピペリジル基、ピペラジニル基、ピラゾリジニル基等の五員環または六員環を形成する飽和複素環基を表す。単環式不飽和複素環基とは、例えば、フリル基、ピロリル基、ピラゾリル基、イミダゾリル基、チアゾリル基、チエニル基、ビリジル基、ビリミジニル基等の五員環または六員環を形成する不飽和複素環基を表す。縮環式不飽和複素環基とは、例えば、インドリル基、イソインドリル基、キノリル基、ベンゾチアゾリル基、クロマニル基、ベンゾフラニル基等の2環性の不飽和複素環基を表す。当該置換基としては例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1～6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げら

れる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシ基、炭素数2~11のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、ベンジルオキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば炭素数1~6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば、同一あるいは異なった2つの炭素数1~6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)、ニトロ基、シアノ基等が挙げられる。

【0035】

R³におけるアルキル基としては例えば、炭素数1~6の直鎖状あるいは分枝状のアルキル基が挙げられ、具体的には例えば、メチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。

【0036】

R³における置換アルキル基とは、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数1~6の直鎖状あるいは分枝状のアルキル基が挙げられる(例えば、メチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。)。当該置換基としては具体的に例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1~6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙

げられる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、炭素数1~6のアルカノイルオキシ基(例えば、ホルミルオキシ基、アセチルオキシ基、プロパノイルオキシ基、ブタノイルオキシ基、ペンタノイルオキシ基、ヘキサノイルオキシ基等が挙げられる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば同一または異なった2個の炭素数1~6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0037】

R³におけるアルカノイル基としては例えば、炭素数1~6のアルカノイル基が挙げられ、具体的には例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。

【0038】

R³における置換アルカノイル基とは、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数1~6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)等が挙げられる。当該置換基としては具体的に例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1~6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7~11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニ

ル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば同一または異なった2個の炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0039】

R³におけるアロイル基としては、例えば、炭素数7～11のアロイル基が挙げられ、具体的には例えば、ベンゾイル基、ナフトイル基等が挙げられる。

【0040】

R³における置換アロイル基としては、例えば、一つ又は複数個の置換基で置換された炭素数7～11のアロイル基(例えば、ベンゾイル基、ナフトイル基等が挙げられる。)が挙げられる。当該置換基としては具体的に例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、炭素数1～6のアルカノイル基(例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)、炭素数7～11のアロイル基(例えば、ベンゾイル基、p-トルイル基、ナフトイル基等が挙げられる。)、カルボキシル基、炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基等が挙げられる。)、アミノ基、アルキルアミノ基(例えば、炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。)、ジアルキルアミノ基(例えば同一または異なった2個の炭素数1～6のアルキル基で置換されたアミノ基等が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0041】

R³におけるアルコキシカルボニル基としては、例えば、炭素数2～7のアル

コキシカルボニル基等が挙げられ、具体的には、例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。

【0042】

R³における置換アルコキシカルボニル基としては、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)等が挙げられ、当該置換基としては、例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシル基、炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0043】

R³における置換ベンジルオキシカルボニル基としては、一つまたは同一あるいは異なった複数個の置換基で置換されたベンジルオキシカルボニル基等が挙げられ。当該置換基としては、例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシル基、炭素数2～7のアルコシカルボニル基(例えば、メトシカルボニル基、エトシカルボニル基、プロポシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0044】

Y¹およびY²におけるアルキル基としては、炭素数1～6のアルキル基が挙げられ、具体的には、具体的には例えば、メチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。

【0045】

Y¹およびY²における置換アルキル基としては、例えば一つまたは同一あるいは異なった複数個の置換基で置換された炭素数1～6のアルキル基(例えば、メチル基、エチル基、プロピル基、1-メチルエチル基、ブチル基、1-メチルプロピル基、2-メチルプロピル基、1,1-ジメチルエチル基、ペンチル基、1-メチルブチル基、2-メチルブチル基、3-メチルブチル基、1,1-ジメチルプロピル基、1,2-ジメチルプロピル基、2,2-ジメチルプロピル基等が挙げられる。)が挙げられる。当該置換基としては、例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシル基、炭素数2～7のアルコシカルボニル基(例えば、メトシカルボニル基、エトシカルボニル基、プロポシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0046】

Y^1 および Y^2 におけるアルコキシ基としては、例えば、炭素数1～6のアルコキシ基が挙げられ、具体的には、例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。

【0047】

Y^1 および Y^2 における置換アルコキシ基としては、一つまたは同一または異なった複数の置換基で置換された炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)が挙げられる。当該置換基としては、例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシ基、炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0048】

Y^1 および Y^2 におけるアルカノイル基としては、炭素数1～6のアルカノイル基が挙げられ、具体的には例えば、例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。

【0049】

Y^1 および Y^2 における置換アルカノイル基とは、一つまたは同一あるいは異なった複数の置換基で置換された炭素数1～6のアルカノイル基(例えば、例えば、ホルミル基、アセチル基、プロパノイル基、ブタノイル基、ペンタノイル基、ヘキサノイル基等が挙げられる。)が挙げられる。当該置換基としては、例えば、水酸基、炭素数1～6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシ基、炭素数2～7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0050】

Y^1 および Y^2 におけるアロイル基としては、例えば炭素数7～11のアロイル

基が挙げられ、具体的には、例えば、ベンゾイル基、ナフトイル基等が挙げられる。

【0051】

Y^1 および Y^2 における置換アロイル基としては、例えば、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数7~11のアロイル基(例えば、ベンゾイル基、ナフトイル基等が挙げられる。)等が挙げられる。当該置換基としては、例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0052】

Y^1 および Y^2 におけるアルコキシカルボニル基としては、例えば、炭素数2~7のアルコキシカルボニル基等が挙げられ、具体的には、例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。

【0053】

Y^1 および Y^2 における置換アルコキシカルボニル基としては、一つまたは同一あるいは異なった複数個の置換基で置換された炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)等が挙げられ。当該置換基としては、例えば、水酸基、炭素数1~6のアルコキシ基(例えば、メトキシ基、エトキシ基、プロポキシ基等が挙げられる。)、カルボキシル基、炭素数2~7のアルコキシカルボニル基(例えば、メトキシカルボニル基、エトキシカルボニル基、プロポキシカルボニル基等が挙げられる。)、ハロゲン原子(例えば、フッ素、塩素、臭素等が挙げられる。)等が挙げられる。

【0054】

Y^1 および Y^2 におけるアルキルアミノ基としては、例えば炭素数1~6のアルキル基で置換されたアミノ基が挙げられ、具体的には、例えば、メチルアミノ基、エチルアミノ基、プロピルアミノ基、ブチルアミノ基等が挙げられる。

【0055】

Y^1 および Y^2 におけるジアルキルアミノ基としては、例えば、同一または異なった炭素数1～6のアルキル基で置換されたアミノ基が挙げられ、具体的には例えば、ジメチルアミノ基、ジエチルアミノ基、エチルメチルアミノ基等が挙げられる。

【0056】

Y^1 および Y^2 におけるアルキルカルバモイル基としては、例えば炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には、例えば、メチルカルバモイル基、エチルカルバモイル基、プロピルカルバモイル基、ブチルカルバモイル基等が挙げられる。

【0057】

Y^1 および Y^2 におけるジアルキルカルバモイル基としては、例えば、同一または異なった炭素数1～6のアルキル基で置換されたカルバモイル基が挙げられ、具体的には例えば、ジメチルカルバモイル基、ジエチルカルバモイル基、エチルメチルカルバモイル基等が挙げられる。

【0058】

Y^1 および Y^2 におけるハロゲン原子としては、例えば、フッ素、塩素、臭素等が挙げられる。

本明細書中で特に定義せずに用いられているアルキルアミノ基、ジアルキルアミノ基におけるアルキル基としては、例えば、炭素数1～6の直鎖または分枝状のアルキル基が挙げられ、具体的には例えば、メチル基、エチル基、プロピル基、ブチル基、ペンチル基、ヘキシル基等が挙げられる。

【0059】

本発明化合物(1)は酸と塩を形成することができる。酸として好ましいものとしては医薬的に許容される酸が挙げられる。具体的には、例えば、塩酸、硫酸、臭化水素酸等の無機酸、酢酸、シュウ酸、クエン酸、リンゴ酸、酒石酸、フマル酸、マレイン酸等が挙げられる。また、酸性置換基を有する場合には、塩基と塩を形成することができる。塩基として好ましいものとしては医薬的に許容される塩基が挙げられる。具体的には、例えば、ナトリウム、カリウム等のアルカリ

金属等の無機塩基、トリエチルアミン、ピリジン等の有機塩基等が挙げられる。

【0060】

本発明化合物(1)に具体的に含まれる化合物としては、例えば、以下の化合物が挙げられる。表中、Hは水素原子を、aminoはアミノ基を、methylはメチル基を、ethylはエチル基を、propylはプロピル基を、butylはブチル基を、pentylはペンチル基を、hexylはヘキシル基を、heptylはヘプチル基を、methylethylはメチルエチル基を、methylpropylはメチルプロピル基を、dimethylethylはジメチルエチル基を、methylbutylはメチルブチル基を、dimethylpropylはジメチルプロピル基を、methylpentylはメチルペンチル基を、dimethylbutylはジメチルブチル基を、ethylbutylはエチルブチル基を、trimethylpropylはトリメチルプロピル基を、cyclopropylはシクロプロピル基を、cyclopentylはシクロペンチル基を、cyclohexylはシクロヘキシル基を、cycloheptylはシクロヘプチル基を、cyclopropylmethylはシクロプロピルメチル基を、cyclopentylmethylはシクロペンチルメチル基を、cyclohexylmethylはシクロヘキシルメチル基を、cycloheptylmethylはシクロヘプチルメチル基を、cyclopropylethylはシクロプロピルエチル基を、cyclopentylethylはシクロペンチルエチル基を、cyclohexylethylはシクロヘキシルエチル基を、cycloheptylethylはシクロヘプチルエチル基を、cyclopropylpropylはシクロプロピルプロピル基を、cyclopentylpropylはシクロペンチルプロピル基を、cyclohexylpropylはシクロヘキシルプロピル基を、cycloheptylpropylはシクロヘプチルプロピル基を、cyclopropylbutylはシクロプロピルブチル基を、cyclopentylbutylはシクロペンチルブチル基を、cyclohexylbutylはシクロヘキシルブチル基を、cycloheptylbutylはシクロヘプチルブチル基を、cyclopropylpentylはシクロプロピルペンチル基を、cyclopentylpentylはシクロペンチルペンチル基を、cyclohexylpentylはシクロヘキシルペンチル基を、cycloheptylpentylはシクロヘプチルペンチル基を、methoxyhexylはメトキシヘキシル基を、methoxypentylはメトキシペンチル基を、methoxybutylはメトキシブチル基を、methoxypropylはメトキシプロピル基を、methoxyethylはメトキシエチル基を、fluorohexylはフルオロヘキシル基を、fluoropentylはフルオロペンチル基を、fluorobutylはフルオロブチル基を、fluoropropylはフルオロプロピル基を、fluoroe

thylはフルオロエチル基を、chlorohexylはクロロヘキシル基を、chloropentylはクロロペンチル基を、chlorobutylはクロロブチル基を、chloropropylはクロロプロピル基を、chloroethylはクロロエチル基を、hydroxyhexylはヒドロキシヘキシル基を、hydroxypentylはヒドロキシペンチル基を、hydroxybutylはヒドロキシブチル基を、hydroxypropylはヒドロキシプロピル基を、hydroxyethylはヒドロキシエチル基を、carboxyhexylはカルボキシヘキシル基を、carboxypentylはカルボキシペンチル基を、carboxybutylはカルボキシブチル基を、carboxypropylはカルボキシプロピル基を、carboxyethylはカルボキシエチル基を、methoxycarbonylhexylはメトキシカルボニルヘキシル基を、methoxycarbonylpentylはメトキシカルボニルペンチル基を、methoxycarbonylbutylはメトキシカルボニルブチル基を、methoxycarbonylpropylはメトキシカルボニルプロピル基を、methoxycarbonylethylはメトキシカルボニルエチル基を、carbamoylhexylはカルバモイルヘキシル基を、carbamoylpentylはカルバモイルペンチル基を、carbamoylbutylはカルバモイルブチル基を、carbamoylpropylはカルバモイルプロピル基を、carbamoylethylはカルバモイルエチル基を、dimethylcarbamoylhexylはジメチルカルバモイルヘキシル基を、dimethylcarbamoylpentylはジメチルカルバモイルペンチル基を、dimethylcarbamoylbutylはジメチルカルバモイルブチル基を、dimethylcarbamoylpropylはジメチルカルバモイルプロピル基を、dimethylcarbamoylethylはジメチルカルバモイルエチル基を、methylcarbamoylhexylはメチルカルバモイルヘキシル基を、methylcarbamoylpentylはメチルカルバモイルペンチル基を、methylcarbamoylbutylはメチルカルバモイルブチル基を、methylcarbamoylpropylはメチルカルバモイルプロピル基を、methylcarbamoylethylはメチルカルバモイルエチル基を、ethylcarbamoylhexylはエチルカルバモイルヘキシル基を、ethylcarbamoylpentylはエチルカルバモイルペンチル基を、ethylcarbamoylbutylはエチルカルバモイルブチル基を、ethylcarbamoylpropylはエチルカルバモイルプロピル基を、ethylcarbamoylethylはエチルカルバモイルエチル基を、diethylcarbamoylhexylはジエチルカルバモイルヘキシル基を、diethylcarbamoylpentylはジエチルカルバモイルペンチル基を、diethylcarbamoylbutylはジエチルカルバモイルブチル基を、diethylcarbamoylpropylはジエチルカルバモイル

プロピル基を、diethylcarbamoylethylはジエチルカルバモイルエチル基を、trifluorohexylはトリフルオロヘキシル基を、trifluoropentylはトリフルオロペンチル基を、trifluorobutylはトリフルオロブチル基を、trifluoropropylはトリフルオロプロピル基を、trifluoroethylはトリフルオロエチル基を、aminoethylはアミノヘキシル基を、aminopentylはアミノペンチル基を、aminobutylはアミノブチル基を、aminopropylはアミノプロピル基を、aminoethylはアミノエチル基を、methylaninoethylはメチルアミノヘキシル基を、methylaninopentylはメチルアミノペンチル基を、methylaninobutylはメチルアミノブチル基を、methylaninopropylはメチルアミノプロピル基を、methylaninoethylはメチルアミノエチル基を、dimethylaninoethylはジメチルアミノヘキシル基を、dimethylaninopentylはジメチルアミノペンチル基を、dimethylaninobutylはジメチルアミノブチル基を、dimethylaninopropylはジメチルアミノプロピル基を、dimethylaninoethylはジメチルアミノエチル基を、acetylaninoethylはアセチルアミノヘキシル基を、acetylaninopentylはアセチルアミノペンチル基を、acetylaninobutylはアセチルアミノブチル基を、acetylaninopropylはアセチルアミノプロピル基を、acetylaninoethylはアセチルアミノエチル基を、benzoylaninoethylはベンゾイルアミノヘキシル基を、benzoylaninopentylはベンゾイルアミノペンチル基を、benzoylaninobutylはベンゾイルアミノブチル基を、benzoylaninopropylはベンゾイルアミノプロピル基を、benzoylaninoethylはベンゾイルアミノエチル基を、ethoxyethylはエトキシペンチル基を、ethoxybutylはエトキシブチル基を、ethoxypropylはエトキシプロピル基を、ethoxyethylはエトキシエチル基を、propoxypropylはプロポキシプロピル基を、propoxyethylはプロポキシエチル基を、benzylはベンジル基を、phenylethylはフェニルエチル基を、fluorobenzylはフルオロベンジル基を、difluorobenzylはジフルオロベンジル基を、chlorobenzylはクロロベンジル基を、dichlorobenzylはジクロロベンジル基を、methoxybenzylはメトキシベンジル基を、dimethoxybenzylはジメトキシベンジル基を、trimethoxybenzylはトリメトキシベンジル基を、hydroxybenzylはヒドロキシベンジル基を、dihydroxybenzylはジヒドロキシベンジル基を、methylbenzylはメチルベンジル基を、aminobenzylはアミノベンジル基を、dimethylaninobenzylはジ

メチルアミノベンジル基を、carbamoylbenzylはカルバモイルベンジル基を、dimethylcarbamoylbenzylはジメチルカルバモイルベンジル基を、methylcarbamoylbenzylはメチルカルバモイルベンジル基を、cyanobenzylはシアノベンジル基を、phenoxybenzylはフェノキシベンジル基を、carboxybenzylはカルボキシベンジル基を、methoxycarbonylbenzylはメトキシカルボニルベンジル基を、acetylbenzylはアセチルベンジル基を、benzoylbenzylはベンゾイルベンジル基を、phenylはフェニル基を、fluorophenylはフルオロフェニル基を、difluorophenylはジフルオロフェニル基を、chlorophenylはクロロフェニル基を、dichlorophenylはジクロロフェニル基を、methoxyphenylはメキシフェニル基を、dimethoxyphenylはジメトキシフェニル基を、trimethoxyphenylはトリメトキシフェニル基を、hydroxyphenylはヒドロキシフェニル基を、dihydroxyphenylはジヒドロキシフェニル基を、methylphenylはメチルフェニル基を、aminophenylはアミノフェニル基を、dimethylaminophenylはジメチルアミノフェニル基を、methylphenylはメチルフェニル基を、cyanophenylはシアノフェニル基を、phenoxyphenylはフェノキシフェニル基を、carbamoylphenylはカルバモイルフェニル基を、methycarbamoylphenylはメチルカルバモイルフェニル基を、dimethylcarbamoylphenylはジメチルカルバモイルフェニル基を、carboxyphenylはカルボキシフェニル基を、methoxycarbonylphenylはメトキシカルボニルフェニル基を、acetylphenylはアセチルフェニル基を、benzoylphenylはベンゾイルフェニル基を、(4-fluorophenyl)ethylは(4-フルオロフェニル)エチル基を、(4-chlorophenyl)ethylは(4-クロロフェニル)エチル基を、(4-methoxyphenyl)ethylは(4-メトキシフェニル)エチル基を、chloroは塩素原子を、fluoroはフッ素原子を、bromoは臭素原子を、nitroはニトロ基を、methoxyはメトキシ基を、acetylはアセチル基を、benzoylはベンゾイル基を、cyanoはシアノ基を、carbamoylはカルバモイル基を、dimethylcarbamoylはジメチルカルバモイル基を、methylcarbamoylはメチルカルバモイル基を、methoxycarbonylはメトキシカルボニル基を、dimethylaminoはジメチルアミノ基を、methylaminoはメチルアミノ基を、trifluoromethylはトリフルオロメチル基を、fluoromethylはフルオロメチル基、hydroxyはヒドロキシ基(水酸基)を、fluorobenzoylはフルオロベンゾイル基を、methylbenzoylはメチルベンゾイル基を、c

hloroacetylはクロロアセチル基を、ethoxycarbonylはエトキシカルボニル基を、carboxylはカルボキシル基を、chloromethoxyはクロロメトキシ基、ethylaminoはエチルアミノ基を、propylaminoはプロピルアミノ基を、piperazinylはピペラジニル基を、pyrrolidinylはピロリジニル基を、pyrrolidinylmethylaminoはピロリジニルメチルアミノ基を、ethoxycarbonylはエトキシカルボニル基を表す。

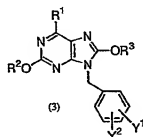
Y¹およびY²において、例えば2-chloroとあるのは、ベンゼン環の2位に塩素原子が置換されていることを意味する。

【0061】

表1

【表1】

表1



R ¹	R ²	R ³	Y ¹	Y ²
amino	H	H	H	H
amino	methyl	H	H	H
amino	ethyl	H	H	H
amino	propyl	H	H	H
amino	methylethyl	H	H	H
amino	butyl	H	H	H
amino	1-methylpropyl	H	H	H
amino	2-methylpropyl	H	H	H
amino	dimethylethyl	H	H	H
amino	pentyl	H	H	H
amino	1-methylbutyl	H	H	H
amino	2-methylbutyl	H	H	H
amino	1,1-dimethylpropyl	H	H	H
amino	1,2-dimethylpropyl	H	H	H
amino	2,2-dimethylpropyl	H	H	H
amino	hexyl	H	H	H
amino	1-methylpentyl	H	H	H
amino	2-methylpentyl	H	H	H
amino	3-methylpentyl	H	H	H
amino	4-methylpentyl	H	H	H
amino	1,1-dimethylbutyl	H	H	H
amino	1,2-dimethylbutyl	H	H	H
amino	1,3-dimethylbutyl	H	H	H
amino	2,2-dimethylbutyl	H	H	H
amino	2,3-dimethylbutyl	H	H	H
amino	3,3-dimethylbutyl	H	H	H
amino	1-ethylbutyl	H	H	H
amino	2-ethylbutyl	H	H	H
amino	1,1,2-trimethylpropyl	H	H	H

続

【表2】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	H	H	H
amino	cyclopropyl	H	H	H
amino	cyclopentyl	H	H	H
amino	cyclohexyl	H	H	H
amino	cycloheptyl	H	H	H
amino	cyclopropylmethyl	H	H	H
amino	cyclopentylmethyl	H	H	H
amino	cyclohexylmethyl	H	H	H
amino	cycloheptylmethyl	H	H	H
amino	2-cyclopropylethyl	H	H	H
amino	2-cyclopentylethyl	H	H	H
amino	2-cyclohexylethyl	H	H	H
amino	2-cycloheptylethyl	H	H	H
amino	3-cyclopropylpropyl	H	H	H
amino	3-cyclopentylpropyl	H	H	H
amino	3-cyclohexylpropyl	H	H	H
amino	3-cycloheptylpropyl	H	H	H
amino	4-cyclopropylbutyl	H	H	H
amino	4-cyclopentylbutyl	H	H	H
amino	4-cyclohexylbutyl	H	H	H
amino	4-cycloheptylbutyl	H	H	H
amino	5-cyclopropylpentyl	H	H	H
amino	5-cyclopentylpentyl	H	H	H
amino	5-cyclohexylpentyl	H	H	H
amino	5-cycloheptylpentyl	H	H	H
amino	6-methoxyhexyl	H	H	H
amino	5-methoxypentyl	H	H	H
amino	4-methoxybutyl	H	H	H
amino	3-methoxypropyl	H	H	H
amino	2-methoxyethyl	H	H	H
amino	2-fluoroethyl	H	H	H
amino	3-fluoropropyl	H	H	H
amino	4-fluorobutyl	H	H	H
amino	5-fluoropentyl	H	H	H
amino	6-fluorohexyl	H	H	H
amino	2-chloroethyl	H	H	H
amino	3-chloropropyl	H	H	H
amino	4-chlorobutyl	H	H	H
amino	5-chloropentyl	H	H	H
amino	6-chlorohexyl	H	H	H

続く

【表3】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	H	H	H
amino	3-hydroxypropyl	H	H	H
amino	4-hydroxybutyl	H	H	H
amino	5-hydroxypentyl	H	H	H
amino	6-hydroxyhexyl	H	H	H
amino	3-hydroxybutyl	H	H	H
amino	2-carboxyethyl	H	H	H
amino	3-carboxypropyl	H	H	H
amino	4-carboxybutyl	H	H	H
amino	5-carboxypentyl	H	H	H
amino	6-carboxyhexyl	H	H	H
amino	2-methoxycarbonylethyl	H	H	H
amino	3-methoxycarbonylpropyl	H	H	H
amino	4-methoxycarbonylbutyl	H	H	H
amino	5-methoxycarbonylpentyl	H	H	H
amino	6-methoxycarbonylhexyl	H	H	H
amino	2-carbamoylethyl	H	H	H
amino	3-carbamoylpropyl	H	H	H
amino	4-carbamoylbutyl	H	H	H
amino	5-carbamoylpentyl	H	H	H
amino	6-carbamoylhexyl	H	H	H
amino	2-dimethylcarbamoylethyl	H	H	H
amino	3-dimethylcarbamoylpropyl	H	H	H
amino	4-dimethylcarbamoylbutyl	H	H	H
amino	5-dimethylcarbamoylpentyl	H	H	H
amino	6-dimethylcarbamoylhexyl	H	H	H
amino	2-methylcarbamoylethyl	H	H	H
amino	3-methylcarbamoylpropyl	H	H	H
amino	4-methylcarbamoylbutyl	H	H	H
amino	5-methylcarbamoylpentyl	H	H	H
amino	6-methylcarbamoylhexyl	H	H	H
amino	2-ethylcarbamoylethyl	H	H	H
amino	3-ethylcarbamoylpropyl	H	H	H
amino	4-ethylcarbamoylbutyl	H	H	H
amino	5-ethylcarbamoylpentyl	H	H	H
amino	6-ethylcarbamoylhexyl	H	H	H
amino	2-diethylcarbamoylethyl	H	H	H
amino	3-diethylcarbamoylpropyl	H	H	H

続く

【表4】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylebutyl	H	H	H
amino	5-diethylcarbamoylepentyl	H	H	H
amino	6-diethylcarbamoylehexyl	H	H	H
amino	2,2,2-trifluoroethyl	H	H	H
amino	3,3,3-trifluoropropyl	H	H	H
amino	4,4,4-trifluorobutyl	H	H	H
amino	5,5,5-trifluoropentyl	H	H	H
amino	6,6,6-trifluorohexyl	H	H	H
amino	2-aminoethyl	H	H	H
amino	3-aminopropyl	H	H	H
amino	4-aminobutyl	H	H	H
amino	5-aminopentyl	H	H	H
amino	6-aminohexyl	H	H	H
amino	2-methylaminoethyl	H	H	H
amino	3-methylaminopropyl	H	H	H
amino	4-methylaminobutyl	H	H	H
amino	5-methylaminopentyl	H	H	H
amino	6-methylaminohexyl	H	H	H
amino	2-dimethylaminoethyl	H	H	H
amino	3-dimethylaminopropyl	H	H	H
amino	4-dimethylaminobutyl	H	H	H
amino	5-dimethylaminopentyl	H	H	H
amino	6-dimethylaminohexyl	H	H	H
amino	2-acetylaminoethyl	H	H	H
amino	3-acetylaminopropyl	H	H	H
amino	4-acetylaminobutyl	H	H	H
amino	5-acetylaminopentyl	H	H	H
amino	6-acetylaminohexyl	H	H	H
amino	2-benzoylaminoethyl	H	H	H
amino	3-benzoylaminoethyl	H	H	H
amino	4-benzoylaminoethyl	H	H	H
amino	5-benzoylaminoethyl	H	H	H
amino	6-benzoylaminoethyl	H	H	H
amino	2-ethoxyethyl	H	H	H
amino	3-ethoxypropyl	H	H	H
amino	4-ethoxybutyl	H	H	H
amino	5-ethoxypentyl	H	H	H
amino	2-propoxyethyl	H	H	H
amino	3-propoxypropyl	H	H	H

続く

【表5】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	H	H
amino	2-phenylethyl	H	H	H
amino	4-fluorobenzyl	H	H	H
amino	3-fluorobenzyl	H	H	H
amino	2-fluorobenzyl	H	H	H
amino	3,4-difluorobenzyl	H	H	H
amino	2,6-difluorobenzyl	H	H	H
amino	4-chlorobenzyl	H	H	H
amino	3-chlorobenzyl	H	H	H
amino	2-chlorobenzyl	H	H	H
amino	2,6-dichlorobenzyl	H	H	H
amino	3,4-dichlorobenzyl	H	H	H
amino	4-methoxybenzyl	H	H	H
amino	3-methoxybenzyl	H	H	H
amino	2-methoxybenzyl	H	H	H
amino	3,4-dimethoxybenzyl	H	H	H
amino	3,4,5-trimethoxybenzyl	H	H	H
amino	4-hydroxybenzyl	H	H	H
amino	3-hydroxybenzyl	H	H	H
amino	2-hydroxybenzyl	H	H	H
amino	3,4-dihydroxybenzyl	H	H	H
amino	4-methylbenzyl	H	H	H
amino	3-methylbenzyl	H	H	H
amino	2-methylbenzyl	H	H	H
amino	4-aminobenzyl	H	H	H
amino	3-aminobenzyl	H	H	H
amino	2-aminobenzyl	H	H	H
amino	4-dimethylaminobenzyl	H	H	H
amino	3-dimethylaminobenzyl	H	H	H
amino	2-dimethylaminobenzyl	H	H	H
amino	4-carbamoylbenzyl	H	H	H
amino	3-carbamoylbenzyl	H	H	H
amino	2-carbamoylbenzyl	H	H	H
amino	4-dimethylcarbamoylbenzyl	H	H	H
amino	3-dimethylcarbamoylbenzyl	H	H	H
amino	2-dimethylcarbamoylbenzyl	H	H	H
amino	4-methylcarbamoylbenzyl	H	H	H
amino	3-methylcarbamoylbenzyl	H	H	H
amino	2-methylcarbamoylbenzyl	H	H	H

続く

【表6】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	H	H	H
amino	3-cyanobenzyl	H	H	H
amino	2-cyanobenzyl	H	H	H
amino	4-phenoxybenzyl	H	H	H
amino	3-phenoxybenzyl	H	H	H
amino	2-phenoxybenzyl	H	H	H
amino	4-carboxybenzyl	H	H	H
amino	3-carboxybenzyl	H	H	H
amino	2-carboxybenzyl	H	H	H
amino	4-methoxycarbonylbenzyl	H	H	H
amino	3-methoxycarbonylbenzyl	H	H	H
amino	2-methoxycarbonylbenzyl	H	H	H
amino	4-acetylbenzyl	H	H	H
amino	3-acetylbenzyl	H	H	H
amino	2-acetylbenzyl	H	H	H
amino	4-benzoylbenzyl	H	H	H
amino	3-benzoylbenzyl	H	H	H
amino	2-benzoylbenzyl	H	H	H
amino	phenyl	H	H	H
amino	4-fluorophenyl	H	H	H
amino	3-fluorophenyl	H	H	H
amino	2-fluorophenyl	H	H	H
amino	3,4-difluorophenyl	H	H	H
amino	2,6-difluorophenyl	H	H	H
amino	4-chlorophenyl	H	H	H
amino	3-chlorophenyl	H	H	H
amino	2-chlorophenyl	H	H	H
amino	3,4-dichlorophenyl	H	H	H
amino	2,6-dichlorophenyl	H	H	H
amino	2-methoxyphenyl	H	H	H
amino	3-methoxyphenyl	H	H	H
amino	4-methoxyphenyl	H	H	H
amino	3,4-dimethoxyphenyl	H	H	H
amino	3,4,5-trimethoxyphenyl	H	H	H
amino	2-hydroxyphenyl	H	H	H
amino	3-hydroxyphenyl	H	H	H
amino	4-hydroxyphenyl	H	H	H
amino	3,4-dihydroxyphenyl	H	H	H
amino	4-methylphenyl	H	H	H
amino	3-methylphenyl	H	H	H
amino	2-methylphenyl	H	H	H

続く

【表 7】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	H	H	H
amino	3-aminophenyl	H	H	H
amino	2-aminophenyl	H	H	H
amino	4-dimethylaminophenyl	H	H	H
amino	3-dimethylaminophenyl	H	H	H
amino	2-dimethylaminophenyl	H	H	H
amino	4-methylaminophenyl	H	H	H
amino	3-methylaminophenyl	H	H	H
amino	2-methylaminophenyl	H	H	H
amino	4-cyanophenyl	H	H	H
amino	3-cyanophenyl	H	H	H
amino	2-cyanophenyl	H	H	H
amino	4-phenoxyphenyl	H	H	H
amino	3-phenoxyphenyl	H	H	H
amino	2-phenoxyphenyl	H	H	H
amino	4-carbamoylphenyl	H	H	H
amino	3-carbamoylphenyl	H	H	H
amino	2-carbamoylphenyl	H	H	H
amino	4-methylcarbamoylphenyl	H	H	H
amino	3-methylcarbamoylphenyl	H	H	H
amino	2-methylcarbamoylphenyl	H	H	H
amino	4-dimethylcarbamoylphenyl	H	H	H
amino	3-dimethylcarbamoylphenyl	H	H	H
amino	2-dimethylcarbamoylphenyl	H	H	H
amino	4-carboxyphenyl	H	H	H
amino	3-carboxyphenyl	H	H	H
amino	2-carboxyphenyl	H	H	H
amino	4-methoxycarbonylphenyl	H	H	H
amino	3-methoxycarbonylphenyl	H	H	H
amino	2-methoxycarbonylphenyl	H	H	H
amino	4-acetylphenyl	H	H	H
amino	3-acetylphenyl	H	H	H
amino	2-acetylphenyl	H	H	H
amino	4-benzoylphenyl	H	H	H
amino	3-benzoylphenyl	H	H	H
amino	2-benzoylphenyl	H	H	H
amino	2-(4-fluorophenyl)ethyl	H	H	H
amino	2-(4-chlorophenyl)ethyl	H	H	H
amino	2-(4-methoxyphenyl)ethyl	H	H	H

続き

【表 8】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	2-chloro	H
amino	methyl	H	3-chloro	H
amino	methyl	H	4-chloro	H
amino	methyl	H	2-fluoro	H
amino	methyl	H	3-fluoro	H
amino	methyl	H	4-fluoro	H
amino	methyl	H	2-bromo	H
amino	methyl	H	3-bromo	H
amino	methyl	H	4-bromo	H
amino	methyl	H	2-nitro	H
amino	methyl	H	3-nitro	H
amino	methyl	H	4-nitro	H
amino	methyl	H	2-methoxy	H
amino	methyl	H	3-methoxy	H
amino	methyl	H	4-methoxy	H
amino	methyl	H	2-chloro	4-chloro
amino	methyl	H	3-chloro	4-chloro
amino	methyl	H	2-fluoro	4-fluoro
amino	methyl	H	3-fluoro	4-fluoro
amino	methyl	H	2-bromo	4-bromo
amino	methyl	H	3-bromo	4-bromo
amino	methyl	H	2-methoxy	4-methoxy
amino	methyl	H	3-methoxy	4-methoxy
amino	methyl	H	2-acetyl	H
amino	methyl	H	3-acetyl	H
amino	methyl	H	4-acetyl	H
amino	methyl	H	2-benzoyl	H
amino	methyl	H	3-benzoyl	H
amino	methyl	H	4-benzoyl	H
amino	methyl	H	2-cyano	H
amino	methyl	H	3-cyano	H
amino	methyl	H	4-cyano	H
amino	methyl	H	2-carbamoyl	H
amino	methyl	H	3-carbamoyl	H
amino	methyl	H	4-carbamoyl	H
amino	methyl	H	2-dimethylcarbamoyl	H
amino	methyl	H	3-dimethylcarbamoyl	H
amino	methyl	H	4-dimethylcarbamoyl	H
amino	methyl	H	2-methylcarbamoyl	H
amino	methyl	H	3-methylcarbamoyl	H

続く

【表9】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	4-methylcarbamoyl	H
amino	methyl	H	2-methoxycarbonyl	H
amino	methyl	H	3-methoxycarbonyl	H
amino	methyl	H	4-methoxycarbonyl	H
amino	methyl	H	2-amino	H
amino	methyl	H	3-amino	H
amino	methyl	H	4-amino	H
amino	methyl	H	2-dimethylamino	H
amino	methyl	H	3-dimethylamino	H
amino	methyl	H	4-dimethylamino	H
amino	methyl	H	2-methylamino	H
amino	methyl	H	3-methylamino	H
amino	methyl	H	4-methylamino	H
amino	methyl	H	2-trifluoromethyl	H
amino	methyl	H	3-trifluoromethyl	H
amino	methyl	H	4-trifluoromethyl	H
amino	methyl	H	2-fluoromethyl	H
amino	methyl	H	3-fluoromethyl	H
amino	methyl	H	4-fluoromethyl	H
amino	methyl	H	2-hydroxy	H
amino	methyl	H	3-hydroxy	H
amino	methyl	H	4-hydroxy	H
amino	methyl	H	4-(4-fluorobenzoyl)	H
amino	methyl	H	3-(4-fluorobenzoyl)	H
amino	methyl	H	2-(4-fluorobenzoyl)	H
amino	methyl	H	4-(4-methylbenzoyl)	H
amino	methyl	H	3-(4-methylbenzoyl)	H
amino	methyl	H	2-(4-methylbenzoyl)	H
amino	methyl	H	4-chloroacetyl	H
amino	methyl	H	3-chloroacetyl	H
amino	methyl	H	2-chloroacetyl	H
amino	methyl	H	4-ethoxycarbonyl	H
amino	methyl	H	3-ethoxycarbonyl	H
amino	methyl	H	2-ethoxycarbonyl	H
amino	methyl	H	4-carboxy	H
amino	methyl	H	3-carboxy	H
amino	methyl	H	2-carboxy	H
amino	methyl	H	4-chloromethoxy	H
amino	methyl	H	3-chloromethoxy	H
amino	methyl	H	2-chloromethoxy	H

続く

【表10】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	2-chloro	H
amino	ethyl	H	3-chloro	H
amino	ethyl	H	4-chloro	H
amino	ethyl	H	2-fluoro	H
amino	ethyl	H	3-fluoro	H
amino	ethyl	H	4-fluoro	H
amino	ethyl	H	2-bromo	H
amino	ethyl	H	3-bromo	H
amino	ethyl	H	4-bromo	H
amino	ethyl	H	2-nitro	H
amino	ethyl	H	3-nitro	H
amino	ethyl	H	4-nitro	H
amino	ethyl	H	2-methoxy	H
amino	ethyl	H	3-methoxy	H
amino	ethyl	H	4-methoxy	H
amino	ethyl	H	2-chloro	4-chloro
amino	ethyl	H	3-chloro	4-chloro
amino	ethyl	H	2-fluoro	4-fluoro
amino	ethyl	H	3-fluoro	4-fluoro
amino	ethyl	H	2-bromo	4-bromo
amino	ethyl	H	3-bromo	4-bromo
amino	ethyl	H	2-methoxy	4-methoxy
amino	ethyl	H	3-methoxy	4-methoxy
amino	ethyl	H	2-acetyl	H
amino	ethyl	H	3-acetyl	H
amino	ethyl	H	4-acetyl	H
amino	ethyl	H	2-benzoyl	H
amino	ethyl	H	3-benzoyl	H
amino	ethyl	H	4-benzoyl	H
amino	ethyl	H	2-cyano	H
amino	ethyl	H	3-cyano	H
amino	ethyl	H	4-cyano	H
amino	ethyl	H	2-carbamoyl	H
amino	ethyl	H	3-carbamoyl	H
amino	ethyl	H	4-carbamoyl	H
amino	ethyl	H	2-dimethylcarbamoyl	H
amino	ethyl	H	3-dimethylcarbamoyl	H
amino	ethyl	H	4-dimethylcarbamoyl	H
amino	ethyl	H	2-methylcarbamoyl	H
amino	ethyl	H	3-methylcarbamoyl	H

続く

【表 11】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	4-methylcarbonyl	H
amino	ethyl	H	2-methoxycarbonyl	H
amino	ethyl	H	3-methoxycarbonyl	H
amino	ethyl	H	4-methoxycarbonyl	H
amino	ethyl	H	2-amino	H
amino	ethyl	H	3-amino	H
amino	ethyl	H	4-amino	H
amino	ethyl	H	2-dimethylamino	H
amino	ethyl	H	3-dimethylamino	H
amino	ethyl	H	4-dimethylamino	H
amino	ethyl	H	2-methylamino	H
amino	ethyl	H	3-methylamino	H
amino	ethyl	H	4-methylamino	H
amino	ethyl	H	2-trifluoromethyl	H
amino	ethyl	H	3-trifluoromethyl	H
amino	ethyl	H	4-trifluoromethyl	H
amino	ethyl	H	2-fluoromethyl	H
amino	ethyl	H	3-fluoromethyl	H
amino	ethyl	H	4-fluoromethyl	H
amino	ethyl	H	2-hydroxy	H
amino	ethyl	H	3-hydroxy	H
amino	ethyl	H	4-hydroxy	H
amino	ethyl	H	4-(4-fluorobenzoyl)	H
amino	ethyl	H	3-(4-fluorobenzoyl)	H
amino	ethyl	H	2-(4-fluorobenzoyl)	H
amino	ethyl	H	4-(4-methylbenzoyl)	H
amino	ethyl	H	3-(4-methylbenzoyl)	H
amino	ethyl	H	2-(4-methylbenzoyl)	H
amino	ethyl	H	4-chloroacetyl	H
amino	ethyl	H	3-chloroacetyl	H
amino	ethyl	H	2-chloroacetyl	H
amino	ethyl	H	4-ethoxycarbonyl	H
amino	ethyl	H	3-ethoxycarbonyl	H
amino	ethyl	H	2-ethoxycarbonyl	H
amino	ethyl	H	4-carboxy	H
amino	ethyl	H	3-carboxy	H
amino	ethyl	H	2-carboxy	H
amino	ethyl	H	4-chloromethoxy	H
amino	ethyl	H	3-chloromethoxy	H
amino	ethyl	H	2-chloromethoxy	H

続く

【表12】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	2-chloro	H
amino	propyl	H	3-chloro	H
amino	propyl	H	4-chloro	H
amino	propyl	H	2-fluoro	H
amino	propyl	H	3-fluoro	H
amino	propyl	H	4-fluoro	H
amino	propyl	H	2-bromo	H
amino	propyl	H	3-bromo	H
amino	propyl	H	4-bromo	H
amino	propyl	H	2-nitro	H
amino	propyl	H	3-nitro	H
amino	propyl	H	4-nitro	H
amino	propyl	H	2-methoxy	H
amino	propyl	H	3-methoxy	H
amino	propyl	H	4-methoxy	H
amino	propyl	H	2-chloro	4-chloro
amino	propyl	H	3-chloro	4-chloro
amino	propyl	H	2-fluoro	4-fluoro
amino	propyl	H	3-fluoro	4-fluoro
amino	propyl	H	2-bromo	4-bromo
amino	propyl	H	3-bromo	4-bromo
amino	propyl	H	2-methoxy	4-methoxy
amino	propyl	H	3-methoxy	4-methoxy
amino	propyl	H	2-acetyl	H
amino	propyl	H	3-acetyl	H
amino	propyl	H	4-acetyl	H
amino	propyl	H	2-benzoyl	H
amino	propyl	H	3-benzoyl	H
amino	propyl	H	4-benzoyl	H
amino	propyl	H	2-cyano	H
amino	propyl	H	3-cyano	H
amino	propyl	H	4-cyano	H
amino	propyl	H	2-carbamoyl	H
amino	propyl	H	3-carbamoyl	H
amino	propyl	H	4-carbamoyl	H
amino	propyl	H	2-dimethylcarbamoyl	H
amino	propyl	H	3-dimethylcarbamoyl	H
amino	propyl	H	4-dimethylcarbamoyl	H
amino	propyl	H	2-methylcarbamoyl	H
amino	propyl	H	3-methylcarbamoyl	H

続く

[表13]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	4-methylcarbonyl	H
amino	propyl	H	2-methoxycarbonyl	H
amino	propyl	H	3-methoxycarbonyl	H
amino	propyl	H	4-methoxycarbonyl	H
amino	propyl	H	2-amino	H
amino	propyl	H	3-amino	H
amino	propyl	H	4-amino	H
amino	propyl	H	2-dimethylamino	H
amino	propyl	H	3-dimethylamino	H
amino	propyl	H	4-dimethylamino	H
amino	propyl	H	2-methylamino	H
amino	propyl	H	3-methylamino	H
amino	propyl	H	4-methylamino	H
amino	propyl	H	2-trifluoromethyl	H
amino	propyl	H	3-trifluoromethyl	H
amino	propyl	H	4-trifluoromethyl	H
amino	propyl	H	2-fluoromethyl	H
amino	propyl	H	3-fluoromethyl	H
amino	propyl	H	4-fluoromethyl	H
amino	propyl	H	2-hydroxy	H
amino	propyl	H	3-hydroxy	H
amino	propyl	H	4-hydroxy	H
amino	propyl	H	4-(4-fluorobenzoyl)	H
amino	propyl	H	3-(4-fluorobenzoyl)	H
amino	propyl	H	2-(4-fluorobenzoyl)	H
amino	propyl	H	4-(4-methylbenzoyl)	H
amino	propyl	H	3-(4-methylbenzoyl)	H
amino	propyl	H	2-(4-methylbenzoyl)	H
amino	propyl	H	4-chloroacetyl	H
amino	propyl	H	3-chloroacetyl	H
amino	propyl	H	2-chloroacetyl	H
amino	propyl	H	4-ethoxycarbonyl	H
amino	propyl	H	3-ethoxycarbonyl	H
amino	propyl	H	2-ethoxycarbonyl	H
amino	propyl	H	4-carboxy	H
amino	propyl	H	3-carboxy	H
amino	propyl	H	2-carboxy	H
amino	propyl	H	4-chloromethoxy	H
amino	propyl	H	3-chloromethoxy	H
amino	propyl	H	2-chloromethoxy	H

続く

【表14】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	2-chloro	H
amino	butyl	H	3-chloro	H
amino	butyl	H	4-chloro	H
amino	butyl	H	2-fluoro	H
amino	butyl	H	3-fluoro	H
amino	butyl	H	4-fluoro	H
amino	butyl	H	2-bromo	H
amino	butyl	H	3-bromo	H
amino	butyl	H	4-bromo	H
amino	butyl	H	2-nitro	H
amino	butyl	H	3-nitro	H
amino	butyl	H	4-nitro	H
amino	butyl	H	2-methoxy	H
amino	butyl	H	3-methoxy	H
amino	butyl	H	4-methoxy	H
amino	butyl	H	2-chloro	4-chloro
amino	butyl	H	3-chloro	4-chloro
amino	butyl	H	2-fluoro	4-fluoro
amino	butyl	H	3-fluoro	4-fluoro
amino	butyl	H	2-bromo	4-bromo
amino	butyl	H	3-bromo	4-bromo
amino	butyl	H	2-methoxy	4-methoxy
amino	butyl	H	3-methoxy	4-methoxy
amino	butyl	H	2-acetyl	H
amino	butyl	H	3-acetyl	H
amino	butyl	H	4-acetyl	H
amino	butyl	H	2-benzoyl	H
amino	butyl	H	3-benzoyl	H
amino	butyl	H	4-benzoyl	H
amino	butyl	H	2-cyano	H
amino	butyl	H	3-cyano	H
amino	butyl	H	4-cyano	H
amino	butyl	H	2-carbamoyl	H
amino	butyl	H	3-carbamoyl	H
amino	butyl	H	4-carbamoyl	H
amino	butyl	H	2-dimethylcarbamoyl	H
amino	butyl	H	3-dimethylcarbamoyl	H
amino	butyl	H	4-dimethylcarbamoyl	H
amino	butyl	H	2-methylcarbamoyl	H
amino	butyl	H	3-methylcarbamoyl	H

続く

【表15】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	4-methylcarbonyl	H
amino	butyl	H	2-methoxycarbonyl	H
amino	butyl	H	3-methoxycarbonyl	H
amino	butyl	H	4-methoxycarbonyl	H
amino	butyl	H	2-amino	H
amino	butyl	H	3-amino	H
amino	butyl	H	4-amino	H
amino	butyl	H	2-dimethylamino	H
amino	butyl	H	3-dimethylamino	H
amino	butyl	H	4-dimethylamino	H
amino	butyl	H	2-methylamino	H
amino	butyl	H	3-methylamino	H
amino	butyl	H	4-methylamino	H
amino	butyl	H	2-trifluoromethyl	H
amino	butyl	H	3-trifluoromethyl	H
amino	butyl	H	4-trifluoromethyl	H
amino	butyl	H	2-fluoromethyl	H
amino	butyl	H	3-fluoromethyl	H
amino	butyl	H	4-fluoromethyl	H
amino	butyl	H	2-hydroxy	H
amino	butyl	H	3-hydroxy	H
amino	butyl	H	4-hydroxy	H
amino	butyl	H	4-(4-fluorobenzoyl)	H
amino	butyl	H	3-(4-fluorobenzoyl)	H
amino	butyl	H	2-(4-fluorobenzoyl)	H
amino	butyl	H	4-(4-methylbenzoyl)	H
amino	butyl	H	3-(4-methylbenzoyl)	H
amino	butyl	H	2-(4-methylbenzoyl)	H
amino	butyl	H	4-chloroacetyl	H
amino	butyl	H	3-chloroacetyl	H
amino	butyl	H	2-chloroacetyl	H
amino	butyl	H	4-ethoxycarbonyl	H
amino	butyl	H	3-ethoxycarbonyl	H
amino	butyl	H	2-ethoxycarbonyl	H
amino	butyl	H	4-carboxy	H
amino	butyl	H	3-carboxy	H
amino	butyl	H	2-carboxy	H
amino	butyl	H	4-chloromethoxy	H
amino	butyl	H	3-chloromethoxy	H
amino	butyl	H	2-chloromethoxy	H

続く

【表16】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	2-chloro	H
amino	benzyl	H	3-chloro	H
amino	benzyl	H	4-chloro	H
amino	benzyl	H	2-fluoro	H
amino	benzyl	H	3-fluoro	H
amino	benzyl	H	4-fluoro	H
amino	benzyl	H	2-bromo	H
amino	benzyl	H	3-bromo	H
amino	benzyl	H	4-bromo	H
amino	benzyl	H	2-nitro	H
amino	benzyl	H	3-nitro	H
amino	benzyl	H	4-nitro	H
amino	benzyl	H	2-methoxy	H
amino	benzyl	H	3-methoxy	H
amino	benzyl	H	4-methoxy	H
amino	benzyl	H	2-chloro	4-chloro
amino	benzyl	H	3-chloro	4-chloro
amino	benzyl	H	2-fluoro	4-fluoro
amino	benzyl	H	3-fluoro	4-fluoro
amino	benzyl	H	2-bromo	4-bromo
amino	benzyl	H	3-bromo	4-bromo
amino	benzyl	H	2-methoxy	4-methoxy
amino	benzyl	H	3-methoxy	4-methoxy
amino	benzyl	H	2-acetyl	H
amino	benzyl	H	3-acetyl	H
amino	benzyl	H	4-acetyl	H
amino	benzyl	H	2-benzoyl	H
amino	benzyl	H	3-benzoyl	H
amino	benzyl	H	4-benzoyl	H
amino	benzyl	H	2-cyano	H
amino	benzyl	H	3-cyano	H
amino	benzyl	H	4-cyano	H
amino	benzyl	H	2-carbamoyl	H
amino	benzyl	H	3-carbamoyl	H
amino	benzyl	H	4-carbamoyl	H
amino	benzyl	H	2-dimethylcarbamoyl	H
amino	benzyl	H	3-dimethylcarbamoyl	H
amino	benzyl	H	4-dimethylcarbamoyl	H
amino	benzyl	H	2-methylcarbamoyl	H
amino	benzyl	H	3-methylcarbamoyl	H

続く

【表17】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	4-methylcarbamoyl	H
amino	benzyl	H	2-methoxycarbonyl	H
amino	benzyl	H	3-methoxycarbonyl	H
amino	benzyl	H	4-methoxycarbonyl	H
amino	benzyl	H	2-amino	H
amino	benzyl	H	3-amino	H
amino	benzyl	H	4-amino	H
amino	benzyl	H	2-dimethylamino	H
amino	benzyl	H	3-dimethylamino	H
amino	benzyl	H	4-dimethylamino	H
amino	benzyl	H	2-methylamino	H
amino	benzyl	H	3-methylamino	H
amino	benzyl	H	4-methylamino	H
amino	benzyl	H	2-trifluoromethyl	H
amino	benzyl	H	3-trifluoromethyl	H
amino	benzyl	H	4-trifluoromethyl	H
amino	benzyl	H	2-fluoromethyl	H
amino	benzyl	H	3-fluoromethyl	H
amino	benzyl	H	4-fluoromethyl	H
amino	benzyl	H	2-hydroxy	H
amino	benzyl	H	3-hydroxy	H
amino	benzyl	H	4-hydroxy	H
amino	benzyl	H	4-(4-fluorobenzoyl)	H
amino	benzyl	H	3-(4-fluorobenzoyl)	H
amino	benzyl	H	2-(4-fluorobenzoyl)	H
amino	benzyl	H	4-(4-methylbenzoyl)	H
amino	benzyl	H	3-(4-methylbenzoyl)	H
amino	benzyl	H	2-(4-methylbenzoyl)	H
amino	benzyl	H	4-chloroacetyl	H
amino	benzyl	H	3-chloroacetyl	H
amino	benzyl	H	2-chloroacetyl	H
amino	benzyl	H	4-ethoxycarbonyl	H
amino	benzyl	H	3-ethoxycarbonyl	H
amino	benzyl	H	2-ethoxycarbonyl	H
amino	benzyl	H	4-carboxy	H
amino	benzyl	H	3-carboxy	H
amino	benzyl	H	2-carboxy	H
amino	benzyl	H	4-chloromethoxy	H
amino	benzyl	H	3-chloromethoxy	H
amino	benzyl	H	2-chloromethoxy	H

続く

【表18】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	4-chloro	H
amino	cyclohexylmethyl	H	2-fluoro	H
amino	cyclohexylmethyl	H	3-fluoro	H
amino	cyclohexylmethyl	H	4-fluoro	H
amino	cyclohexylmethyl	H	2-bromo	H
amino	cyclohexylmethyl	H	3-bromo	H
amino	cyclohexylmethyl	H	4-bromo	H
amino	cyclohexylmethyl	H	2-nitro	H
amino	cyclohexylmethyl	H	3-nitro	H
amino	cyclohexylmethyl	H	4-nitro	H
amino	cyclohexylmethyl	H	2-methoxy	H
amino	cyclohexylmethyl	H	3-methoxy	H
amino	cyclohexylmethyl	H	4-methoxy	H
amino	cyclohexylmethyl	H	2-chloro	4-chloro
amino	cyclohexylmethyl	H	3-chloro	4-chloro
amino	cyclohexylmethyl	H	2-fluoro	4-fluoro
amino	cyclohexylmethyl	H	3-fluoro	4-fluoro
amino	cyclohexylmethyl	H	2-bromo	4-bromo
amino	cyclohexylmethyl	H	3-bromo	4-bromo
amino	cyclohexylmethyl	H	2-methoxy	4-methoxy
amino	cyclohexylmethyl	H	3-methoxy	4-methoxy
amino	cyclohexylmethyl	H	2-acetyl	H
amino	cyclohexylmethyl	H	3-acetyl	H
amino	cyclohexylmethyl	H	4-acetyl	H
amino	cyclohexylmethyl	H	2-benzoyl	H
amino	cyclohexylmethyl	H	3-benzoyl	H
amino	cyclohexylmethyl	H	4-benzoyl	H
amino	cyclohexylmethyl	H	2-cyano	H
amino	cyclohexylmethyl	H	3-cyano	H
amino	cyclohexylmethyl	H	4-cyano	H
amino	cyclohexylmethyl	H	2-carbamoyl	H
amino	cyclohexylmethyl	H	3-carbamoyl	H
amino	cyclohexylmethyl	H	4-carbamoyl	H
amino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	2-methylcarbamoyl	H
amino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

【表 19】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	4-methylcarbamoyl	H
amino	cyclohexylmethyl	H	2-methoxycarbonyl	H
amino	cyclohexylmethyl	H	3-methoxycarbonyl	H
amino	cyclohexylmethyl	H	4-methoxycarbonyl	H
amino	cyclohexylmethyl	H	2-amino	H
amino	cyclohexylmethyl	H	3-amino	H
amino	cyclohexylmethyl	H	4-amino	H
amino	cyclohexylmethyl	H	2-dimethylamino	H
amino	cyclohexylmethyl	H	3-dimethylamino	H
amino	cyclohexylmethyl	H	4-dimethylamino	H
amino	cyclohexylmethyl	H	2-methylamino	H
amino	cyclohexylmethyl	H	3-methylamino	H
amino	cyclohexylmethyl	H	4-methylamino	H
amino	cyclohexylmethyl	H	2-trifluoromethyl	H
amino	cyclohexylmethyl	H	3-trifluoromethyl	H
amino	cyclohexylmethyl	H	4-trifluoromethyl	H
amino	cyclohexylmethyl	H	2-fluoromethyl	H
amino	cyclohexylmethyl	H	3-fluoromethyl	H
amino	cyclohexylmethyl	H	4-fluoromethyl	H
amino	cyclohexylmethyl	H	2-hydroxy	H
amino	cyclohexylmethyl	H	3-hydroxy	H
amino	cyclohexylmethyl	H	4-hydroxy	H
amino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	4-chloroacetyl	H
amino	cyclohexylmethyl	H	3-chloroacetyl	H
amino	cyclohexylmethyl	H	2-chloroacetyl	H
amino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	4-carboxy	H
amino	cyclohexylmethyl	H	3-carboxy	H
amino	cyclohexylmethyl	H	2-carboxy	H
amino	cyclohexylmethyl	H	4-chloromethoxy	H
amino	cyclohexylmethyl	H	3-chloromethoxy	H
amino	cyclohexylmethyl	H	2-chloromethoxy	H

続く

【表20】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	H	H	H	H
methylamino	methyl	H	H	H
methylamino	ethyl	H	H	H
methylamino	propyl	H	H	H
methylamino	methylethyl	H	H	H
methylamino	butyl	H	H	H
methylamino	1-methylpropyl	H	H	H
methylamino	2-methylpropyl	H	H	H
methylamino	dimethylethyl	H	H	H
methylamino	pentyl	H	H	H
methylamino	1-methylbutyl	H	H	H
methylamino	2-methylbutyl	H	H	H
methylamino	1,1-dimethylpropyl	H	H	H
methylamino	1,2-dimethylpropyl	H	H	H
methylamino	2,2-dimethylpropyl	H	H	H
methylamino	hexyl	H	H	H
methylamino	1-methylpentyl	H	H	H
methylamino	2-methylpentyl	H	H	H
methylamino	3-methylpentyl	H	H	H
methylamino	4-methylpentyl	H	H	H
methylamino	1,1-dimethylbutyl	H	H	H
methylamino	1,2-dimethylbutyl	H	H	H
methylamino	1,3-dimethylbutyl	H	H	H
methylamino	2,2-dimethylbutyl	H	H	H
methylamino	2,3-dimethylbutyl	H	H	H
methylamino	3,3-dimethylbutyl	H	H	H
methylamino	1-ethylbutyl	H	H	H
methylamino	2-ethylbutyl	H	H	H
methylamino	1,1,2-trimethylpropyl	H	H	H
methylamino	heptyl	H	H	H
methylamino	cyclopropyl	H	H	H
methylamino	cyclopentyl	H	H	H
methylamino	cyclohexyl	H	H	H
methylamino	cycloheptyl	H	H	H
methylamino	cyclopropylmethyl	H	H	H
methylamino	cyclopentylmethyl	H	H	H
methylamino	cyclohexylmethyl	H	H	H
methylamino	cycloheptylmethyl	H	H	H
methylamino	2-methoxyethyl	H	H	H
methylamino	3-methoxypropyl	H	H	H

続<

【0062】

【表 21】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	4-methoxybutyl	H	H	H
methylamino	5-methoxypentyl	H	H	H
methylamino	5-ethoxypentyl	H	H	H
methylamino	2-ethoxyethyl	H	H	H
methylamino	3-ethoxypropyl	H	H	H
methylamino	4-ethoxybutyl	H	H	H
methylamino	2-carboxyethyl	H	H	H
methylamino	3-carboxypropyl	H	H	H
methylamino	4-carboxybutyl	H	H	H
methylamino	5-carboxypentyl	H	H	H
methylamino	2-hydroxyethyl	H	H	H
methylamino	3-hydroxypropyl	H	H	H
methylamino	4-hydroxybutyl	H	H	H
methylamino	5-hydroxypentyl	H	H	H
methylamino	2-methoxycarbonylethyl	H	H	H
methylamino	3-methoxycarbonylpropyl	H	H	H
methylamino	4-methoxycarbonylbutyl	H	H	H
methylamino	5-methoxycarbonylpentyl	H	H	H
methylamino	2-aminoethyl	H	H	H
methylamino	3-aminopropyl	H	H	H
methylamino	4-aminobutyl	H	H	H
methylamino	5-aminopentyl	H	H	H
methylamino	6-aminohexyl	H	H	H
methylamino	2-chloroethyl	H	H	H
methylamino	3-chloropropyl	H	H	H
methylamino	4-chlorobutyl	H	H	H
methylamino	5-chloropentyl	H	H	H
methylamino	6-chlorohexyl	H	H	H
methylamino	2-fluoroethyl	H	H	H
methylamino	3-fluoropropyl	H	H	H
methylamino	4-fluorobutyl	H	H	H
methylamino	5-fluoropentyl	H	H	H
methylamino	6-fluorohexyl	H	H	H
methylamino	2-carbamoylethyl	H	H	H
methylamino	3-carbamoylpropyl	H	H	H
methylamino	4-carbamoylbutyl	H	H	H
methylamino	5-carbamoylpentyl	H	H	H
methylamino	6-carbamoylhexyl	H	H	H
methylamino	3-methylcarbamoylpropyl	H	H	H
methylamino	4-methylcarbamoylbutyl	H	H	H
methylamino	5-methylcarbamoylpentyl	H	H	H

続く

〔表 22〕

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	H	H	H
methylamino	2-phenylethyl	H	H	H
methylamino	4-fluorobenzyl	H	H	H
methylamino	3-fluorobenzyl	H	H	H
methylamino	4-chlorobenzyl	H	H	H
methylamino	3-chlorobenzyl	H	H	H
methylamino	4-methoxybenzyl	H	H	H
methylamino	3-methoxybenzyl	H	H	H
methylamino	4-hydroxybenzyl	H	H	H
methylamino	3-hydroxybenzyl	H	H	H
methylamino	4-methylbenzyl	H	H	H
methylamino	3-methylbenzyl	H	H	H
methylamino	4-aminobenzyl	H	H	H
methylamino	3-aminobenzyl	H	H	H
methylamino	4-dimethylaminobenzyl	H	H	H
methylamino	3-dimethylaminobenzyl	H	H	H
methylamino	4-carbamoylbenzyl	H	H	H
methylamino	3-carbamoylbenzyl	H	H	H
methylamino	4-methylcarbamoylbenzyl	H	H	H
methylamino	3-methylcarbamoylbenzyl	H	H	H
methylamino	4-cyanobenzyl	H	H	H
methylamino	4-phenoxybenzyl	H	H	H
methylamino	phenyl	H	H	H
methylamino	4-fluorophenyl	H	H	H
methylamino	3-fluorophenyl	H	H	H
methylamino	4-chlorophenyl	H	H	H
methylamino	3-methoxyphenyl	H	H	H
methylamino	3-hydroxyphenyl	H	H	H
methylamino	4-methylphenyl	H	H	H
methylamino	3-methylphenyl	H	H	H
methylamino	4-aminophenyl	H	H	H
methylamino	3-aminophenyl	H	H	H
methylamino	3-dimethylaminophenyl	H	H	H
methylamino	4-dimethylaminophenyl	H	H	H
methylamino	3-carbamoylphenyl	H	H	H
methylamino	4-carbamoylphenyl	H	H	H
methylamino	3-cyanophenyl	H	H	H
methylamino	4-cyanophenyl	H	H	H
methylamino	3-phenoxyphenyl	H	H	H
methylamino	4-phenoxyphenyl	H	H	H

続く

【表 23】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	H	2-chloro	H
methylamino	methyl	H	3-chloro	H
methylamino	methyl	H	4-chloro	H
methylamino	methyl	H	2-fluoro	H
methylamino	methyl	H	3-fluoro	H
methylamino	methyl	H	4-fluoro	H
methylamino	methyl	H	2-bromo	H
methylamino	methyl	H	3-bromo	H
methylamino	methyl	H	4-bromo	H
methylamino	methyl	H	2-nitro	H
methylamino	methyl	H	3-nitro	H
methylamino	methyl	H	4-nitro	H
methylamino	methyl	H	2-methoxy	H
methylamino	methyl	H	3-methoxy	H
methylamino	methyl	H	4-methoxy	H
methylamino	methyl	H	2-chloro	4-chloro
methylamino	methyl	H	3-chloro	4-chloro
methylamino	methyl	H	2-fluoro	4-fluoro
methylamino	methyl	H	3-fluoro	4-fluoro
methylamino	methyl	H	2-bromo	4-bromo
methylamino	methyl	H	3-bromo	4-bromo
methylamino	methyl	H	2-methoxy	4-methoxy
methylamino	methyl	H	3-methoxy	4-methoxy
methylamino	methyl	H	2-acetyl	H
methylamino	methyl	H	3-acetyl	H
methylamino	methyl	H	4-acetyl	H
methylamino	methyl	H	2-benzoyl	H
methylamino	methyl	H	3-benzoyl	H
methylamino	methyl	H	4-benzoyl	H
methylamino	methyl	H	2-cyano	H
methylamino	methyl	H	3-cyano	H
methylamino	methyl	H	4-cyano	H
methylamino	methyl	H	2-carbamoyl	H
methylamino	methyl	H	3-carbamoyl	H
methylamino	methyl	H	4-carbamoyl	H
methylamino	methyl	H	2-dimethylcarbamoyl	H
methylamino	methyl	H	3-dimethylcarbamoyl	H
methylamino	methyl	H	4-dimethylcarbamoyl	H
methylamino	methyl	H	2-methylcarbamoyl	H
methylamino	methyl	H	3-methylcarbamoyl	H

続<

【表24】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	H	4-methylcarbamoyl	H
methylamino	methyl	H	2-methoxycarbonyl	H
methylamino	methyl	H	3-methoxycarbonyl	H
methylamino	methyl	H	4-methoxycarbonyl	H
methylamino	methyl	H	2-amino	H
methylamino	methyl	H	3-amino	H
methylamino	methyl	H	4-amino	H
methylamino	methyl	H	2-dimethylamino	H
methylamino	methyl	H	3-dimethylamino	H
methylamino	methyl	H	4-dimethylamino	H
methylamino	methyl	H	2-methylamino	H
methylamino	methyl	H	3-methylamino	H
methylamino	methyl	H	4-methylamino	H
methylamino	methyl	H	2-trifluoromethyl	H
methylamino	methyl	H	3-trifluoromethyl	H
methylamino	methyl	H	4-trifluoromethyl	H
methylamino	methyl	H	2-fluoromethyl	H
methylamino	methyl	H	3-fluoromethyl	H
methylamino	methyl	H	4-fluoromethyl	H
methylamino	methyl	H	2-hydroxy	H
methylamino	methyl	H	3-hydroxy	H
methylamino	methyl	H	4-hydroxy	H
methylamino	methyl	H	4-(4-fluorobenzoyl)	H
methylamino	methyl	H	3-(4-fluorobenzoyl)	H
methylamino	methyl	H	2-(4-fluorobenzoyl)	H
methylamino	methyl	H	4-(4-methylbenzoyl)	H
methylamino	methyl	H	3-(4-methylbenzoyl)	H
methylamino	methyl	H	2-(4-methylbenzoyl)	H
methylamino	methyl	H	4-chloroacetyl	H
methylamino	methyl	H	3-chloroacetyl	H
methylamino	methyl	H	2-chloroacetyl	H
methylamino	methyl	H	4-ethoxycarbonyl	H
methylamino	methyl	H	3-ethoxycarbonyl	H
methylamino	methyl	H	2-ethoxycarbonyl	H
methylamino	methyl	H	4-carboxy	H
methylamino	methyl	H	3-carboxy	H
methylamino	methyl	H	2-carboxy	H
methylamino	methyl	H	4-chloromethoxy	H
methylamino	methyl	H	3-chloromethoxy	H
methylamino	methyl	H	2-chloromethoxy	H

続く

【表25】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	H	2-chloro	H
methylamino	ethyl	H	3-chloro	H
methylamino	ethyl	H	4-chloro	H
methylamino	ethyl	H	2-fluoro	H
methylamino	ethyl	H	3-fluoro	H
methylamino	ethyl	H	4-fluoro	H
methylamino	ethyl	H	2-bromo	H
methylamino	ethyl	H	3-bromo	H
methylamino	ethyl	H	4-bromo	H
methylamino	ethyl	H	2-nitro	H
methylamino	ethyl	H	3-nitro	H
methylamino	ethyl	H	4-nitro	H
methylamino	ethyl	H	2-methoxy	H
methylamino	ethyl	H	3-methoxy	H
methylamino	ethyl	H	4-methoxy	H
methylamino	ethyl	H	2-chloro	4-chloro
methylamino	ethyl	H	3-chloro	4-chloro
methylamino	ethyl	H	2-fluoro	4-fluoro
methylamino	ethyl	H	3-fluoro	4-fluoro
methylamino	ethyl	H	2-bromo	4-bromo
methylamino	ethyl	H	3-bromo	4-bromo
methylamino	ethyl	H	2-methoxy	4-methoxy
methylamino	ethyl	H	3-methoxy	4-methoxy
methylamino	ethyl	H	2-acetyl	H
methylamino	ethyl	H	3-acetyl	H
methylamino	ethyl	H	4-acetyl	H
methylamino	ethyl	H	2-benzoyl	H
methylamino	ethyl	H	3-benzoyl	H
methylamino	ethyl	H	4-benzoyl	H
methylamino	ethyl	H	2-cyano	H
methylamino	ethyl	H	3-cyano	H
methylamino	ethyl	H	4-cyano	H
methylamino	ethyl	H	2-carbamoyl	H
methylamino	ethyl	H	3-carbamoyl	H
methylamino	ethyl	H	4-carbamoyl	H
methylamino	ethyl	H	2-dimethylcarbamoyl	H
methylamino	ethyl	H	3-dimethylcarbamoyl	H
methylamino	ethyl	H	4-dimethylcarbamoyl	H
methylamino	ethyl	H	2-methylcarbamoyl	H
methylamino	ethyl	H	3-methylcarbamoyl	H

続く

【表 26】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	H	4-methylcarbamoyl	H
methylamino	ethyl	H	2-methoxycarbonyl	H
methylamino	ethyl	H	3-methoxycarbonyl	H
methylamino	ethyl	H	4-methoxycarbonyl	H
methylamino	ethyl	H	2-amino	H
methylamino	ethyl	H	3-amino	H
methylamino	ethyl	H	4-amino	H
methylamino	ethyl	H	2-dimethylamino	H
methylamino	ethyl	H	3-dimethylamino	H
methylamino	ethyl	H	4-dimethylamino	H
methylamino	ethyl	H	2-methylamino	H
methylamino	ethyl	H	3-methylamino	H
methylamino	ethyl	H	4-methylamino	H
methylamino	ethyl	H	2-trifluoromethyl	H
methylamino	ethyl	H	3-trifluoromethyl	H
methylamino	ethyl	H	4-trifluoromethyl	H
methylamino	ethyl	H	2-fluoromethyl	H
methylamino	ethyl	H	3-fluoromethyl	H
methylamino	ethyl	H	4-fluoromethyl	H
methylamino	ethyl	H	2-hydroxy	H
methylamino	ethyl	H	3-hydroxy	H
methylamino	ethyl	H	4-hydroxy	H
methylamino	ethyl	H	4-(4-fluorobenzoyl)	H
methylamino	ethyl	H	3-(4-fluorobenzoyl)	H
methylamino	ethyl	H	2-(4-fluorobenzoyl)	H
methylamino	ethyl	H	4-(4-methylbenzoyl)	H
methylamino	ethyl	H	3-(4-methylbenzoyl)	H
methylamino	ethyl	H	2-(4-methylbenzoyl)	H
methylamino	ethyl	H	4-chloroacetyl	H
methylamino	ethyl	H	3-chloroacetyl	H
methylamino	ethyl	H	2-chloroacetyl	H
methylamino	ethyl	H	4-ethoxycarbonyl	H
methylamino	ethyl	H	3-ethoxycarbonyl	H
methylamino	ethyl	H	2-ethoxycarbonyl	H
methylamino	ethyl	H	4-carboxy	H
methylamino	ethyl	H	3-carboxy	H
methylamino	ethyl	H	2-carboxy	H
methylamino	ethyl	H	4-chloromethoxy	H
methylamino	ethyl	H	3-chloromethoxy	H
methylamino	ethyl	H	2-chloromethoxy	H

続く

【表27】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	H	2-chloro	H
methylamino	propyl	H	3-chloro	H
methylamino	propyl	H	4-chloro	H
methylamino	propyl	H	2-fluoro	H
methylamino	propyl	H	3-fluoro	H
methylamino	propyl	H	4-fluoro	H
methylamino	propyl	H	2-bromo	H
methylamino	propyl	H	3-bromo	H
methylamino	propyl	H	4-bromo	H
methylamino	propyl	H	2-nitro	H
methylamino	propyl	H	3-nitro	H
methylamino	propyl	H	4-nitro	H
methylamino	propyl	H	2-methoxy	H
methylamino	propyl	H	3-methoxy	H
methylamino	propyl	H	4-methoxy	H
methylamino	propyl	H	2-chloro	4-chloro
methylamino	propyl	H	3-chloro	4-chloro
methylamino	propyl	H	2-fluoro	4-fluoro
methylamino	propyl	H	3-fluoro	4-fluoro
methylamino	propyl	H	2-bromo	4-bromo
methylamino	propyl	H	3-bromo	4-bromo
methylamino	propyl	H	2-methoxy	4-methoxy
methylamino	propyl	H	3-methoxy	4-methoxy
methylamino	propyl	H	2-acetyl	H
methylamino	propyl	H	3-acetyl	H
methylamino	propyl	H	4-acetyl	H
methylamino	propyl	H	2-benzoyl	H
methylamino	propyl	H	3-benzoyl	H
methylamino	propyl	H	4-benzoyl	H
methylamino	propyl	H	2-cyano	H
methylamino	propyl	H	3-cyano	H
methylamino	propyl	H	4-cyano	H
methylamino	propyl	H	2-carbamoyl	H
methylamino	propyl	H	3-carbamoyl	H
methylamino	propyl	H	4-carbamoyl	H
methylamino	propyl	H	2-dimethylcarbamoyl	H
methylamino	propyl	H	3-dimethylcarbamoyl	H
methylamino	propyl	H	4-dimethylcarbamoyl	H
methylamino	propyl	H	2-methylcarbamoyl	H
methylamino	propyl	H	3-methylcarbamoyl	H

続<

【表28】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	H	4-methylcarbamoyl	H
methylamino	propyl	H	2-methoxycarbonyl	H
methylamino	propyl	H	3-methoxycarbonyl	H
methylamino	propyl	H	4-methoxycarbonyl	H
methylamino	propyl	H	2-amino	H
methylamino	propyl	H	3-amino	H
methylamino	propyl	H	4-amino	H
methylamino	propyl	H	2-dimethylamino	H
methylamino	propyl	H	3-dimethylamino	H
methylamino	propyl	H	4-dimethylamino	H
methylamino	propyl	H	2-methylamino	H
methylamino	propyl	H	3-methylamino	H
methylamino	propyl	H	4-methylamino	H
methylamino	propyl	H	2-trifluoromethyl	H
methylamino	propyl	H	3-trifluoromethyl	H
methylamino	propyl	H	4-trifluoromethyl	H
methylamino	propyl	H	2-fluoromethyl	H
methylamino	propyl	H	3-fluoromethyl	H
methylamino	propyl	H	4-fluoromethyl	H
methylamino	propyl	H	2-hydroxy	H
methylamino	propyl	H	3-hydroxy	H
methylamino	propyl	H	4-hydroxy	H
methylamino	propyl	H	4-(4-fluorobenzoyl)	H
methylamino	propyl	H	3-(4-fluorobenzoyl)	H
methylamino	propyl	H	2-(4-fluorobenzoyl)	H
methylamino	propyl	H	4-(4-methylbenzoyl)	H
methylamino	propyl	H	3-(4-methylbenzoyl)	H
methylamino	propyl	H	2-(4-methylbenzoyl)	H
methylamino	propyl	H	4-chloroacetyl	H
methylamino	propyl	H	3-chloroacetyl	H
methylamino	propyl	H	2-chloroacetyl	H
methylamino	propyl	H	4-ethoxycarbonyl	H
methylamino	propyl	H	3-ethoxycarbonyl	H
methylamino	propyl	H	2-ethoxycarbonyl	H
methylamino	propyl	H	4-carboxy	H
methylamino	propyl	H	3-carboxy	H
methylamino	propyl	H	2-carboxy	H
methylamino	propyl	H	4-chloromethoxy	H
methylamino	propyl	H	3-chloromethoxy	H
methylamino	propyl	H	2-chloromethoxy	H

続く

【表29】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	H	2-chloro	H
methylamino	butyl	H	3-chloro	H
methylamino	butyl	H	4-chloro	H
methylamino	butyl	H	2-fluoro	H
methylamino	butyl	H	3-fluoro	H
methylamino	butyl	H	4-fluoro	H
methylamino	butyl	H	2-bromo	H
methylamino	butyl	H	3-bromo	H
methylamino	butyl	H	4-bromo	H
methylamino	butyl	H	2-nitro	H
methylamino	butyl	H	3-nitro	H
methylamino	butyl	H	4-nitro	H
methylamino	butyl	H	2-methoxy	H
methylamino	butyl	H	3-methoxy	H
methylamino	butyl	H	4-methoxy	H
methylamino	butyl	H	2-chloro	4-chloro
methylamino	butyl	H	3-chloro	4-chloro
methylamino	butyl	H	2-fluoro	4-fluoro
methylamino	butyl	H	3-fluoro	4-fluoro
methylamino	butyl	H	2-bromo	4-bromo
methylamino	butyl	H	3-bromo	4-bromo
methylamino	butyl	H	2-methoxy	4-methoxy
methylamino	butyl	H	3-methoxy	4-methoxy
methylamino	butyl	H	2-acetyl	H
methylamino	butyl	H	3-acetyl	H
methylamino	butyl	H	4-acetyl	H
methylamino	butyl	H	2-benzoyl	H
methylamino	butyl	H	3-benzoyl	H
methylamino	butyl	H	4-benzoyl	H
methylamino	butyl	H	2-cyano	H
methylamino	butyl	H	3-cyano	H
methylamino	butyl	H	4-cyano	H
methylamino	butyl	H	2-carbamoyl	H
methylamino	butyl	H	3-carbamoyl	H
methylamino	butyl	H	4-carbamoyl	H
methylamino	butyl	H	2-dimethylcarbamoyl	H
methylamino	butyl	H	3-dimethylcarbamoyl	H
methylamino	butyl	H	4-dimethylcarbamoyl	H
methylamino	butyl	H	2-methylcarbamoyl	H
methylamino	butyl	H	3-methylcarbamoyl	H

続<

【表30】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	H	4-methylcarbonyl	H
methylamino	butyl	H	2-methoxycarbonyl	H
methylamino	butyl	H	3-methoxycarbonyl	H
methylamino	butyl	H	4-methoxycarbonyl	H
methylamino	butyl	H	2-amino	H
methylamino	butyl	H	3-amino	H
methylamino	butyl	H	4-amino	H
methylamino	butyl	H	2-dimethylamino	H
methylamino	butyl	H	3-dimethylamino	H
methylamino	butyl	H	4-dimethylamino	H
methylamino	butyl	H	2-methylamino	H
methylamino	butyl	H	3-methylamino	H
methylamino	butyl	H	4-methylamino	H
methylamino	butyl	H	2-trifluoromethyl	H
methylamino	butyl	H	3-trifluoromethyl	H
methylamino	butyl	H	4-trifluoromethyl	H
methylamino	butyl	H	2-fluoromethyl	H
methylamino	butyl	H	3-fluoromethyl	H
methylamino	butyl	H	4-fluoromethyl	H
methylamino	butyl	H	2-hydroxy	H
methylamino	butyl	H	3-hydroxy	H
methylamino	butyl	H	4-hydroxy	H
methylamino	butyl	H	4-(4-fluorobenzoyl)	H
methylamino	butyl	H	3-(4-fluorobenzoyl)	H
methylamino	butyl	H	2-(4-fluorobenzoyl)	H
methylamino	butyl	H	4-(4-methylbenzoyl)	H
methylamino	butyl	H	3-(4-methylbenzoyl)	H
methylamino	butyl	H	2-(4-methylbenzoyl)	H
methylamino	butyl	H	4-chloroacetyl	H
methylamino	butyl	H	3-chloroacetyl	H
methylamino	butyl	H	2-chloroacetyl	H
methylamino	butyl	H	4-ethoxycarbonyl	H
methylamino	butyl	H	3-ethoxycarbonyl	H
methylamino	butyl	H	2-ethoxycarbonyl	H
methylamino	butyl	H	4-carboxy	H
methylamino	butyl	H	3-carboxy	H
methylamino	butyl	H	2-carboxy	H
methylamino	butyl	H	4-chloromethoxy	H
methylamino	butyl	H	3-chloromethoxy	H
methylamino	butyl	H	2-chloromethoxy	H

続<

【表31】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	H	2-chloro	H
methylamino	benzyl	H	3-chloro	H
methylamino	benzyl	H	4-chloro	H
methylamino	benzyl	H	2-fluoro	H
methylamino	benzyl	H	3-fluoro	H
methylamino	benzyl	H	4-fluoro	H
methylamino	benzyl	H	2-bromo	H
methylamino	benzyl	H	3-bromo	H
methylamino	benzyl	H	4-bromo	H
methylamino	benzyl	H	2-nitro	H
methylamino	benzyl	H	3-nitro	H
methylamino	benzyl	H	4-nitro	H
methylamino	benzyl	H	2-methoxy	H
methylamino	benzyl	H	3-methoxy	H
methylamino	benzyl	H	4-methoxy	H
methylamino	benzyl	H	2-chloro	4-chloro
methylamino	benzyl	H	3-chloro	4-chloro
methylamino	benzyl	H	2-fluoro	4-fluoro
methylamino	benzyl	H	3-fluoro	4-fluoro
methylamino	benzyl	H	2-bromo	4-bromo
methylamino	benzyl	H	3-bromo	4-bromo
methylamino	benzyl	H	2-methoxy	4-methoxy
methylamino	benzyl	H	3-methoxy	4-methoxy
methylamino	benzyl	H	2-acetyl	H
methylamino	benzyl	H	3-acetyl	H
methylamino	benzyl	H	4-acetyl	H
methylamino	benzyl	H	2-benzoyl	H
methylamino	benzyl	H	3-benzoyl	H
methylamino	benzyl	H	4-benzoyl	H
methylamino	benzyl	H	2-cyano	H
methylamino	benzyl	H	3-cyano	H
methylamino	benzyl	H	4-cyano	H
methylamino	benzyl	H	2-carbamoyl	H
methylamino	benzyl	H	3-carbamoyl	H
methylamino	benzyl	H	4-carbamoyl	H
methylamino	benzyl	H	2-dimethylcarbamoyl	H
methylamino	benzyl	H	3-dimethylcarbamoyl	H
methylamino	benzyl	H	4-dimethylcarbamoyl	H
methylamino	benzyl	H	2-methylcarbamoyl	H
methylamino	benzyl	H	3-methylcarbamoyl	H

続<

【表32】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	H	4-methylcarbamoyl	H
methylamino	benzyl	H	2-methoxycarbonyl	H
methylamino	benzyl	H	3-methoxycarbonyl	H
methylamino	benzyl	H	4-methoxycarbonyl	H
methylamino	benzyl	H	2-amino	H
methylamino	benzyl	H	3-amino	H
methylamino	benzyl	H	4-amino	H
methylamino	benzyl	H	2-dimethylamino	H
methylamino	benzyl	H	3-dimethylamino	H
methylamino	benzyl	H	4-dimethylamino	H
methylamino	benzyl	H	2-methylamino	H
methylamino	benzyl	H	3-methylamino	H
methylamino	benzyl	H	4-methylamino	H
methylamino	benzyl	H	2-trifluoromethyl	H
methylamino	benzyl	H	3-trifluoromethyl	H
methylamino	benzyl	H	4-trifluoromethyl	H
methylamino	benzyl	H	2-fluoromethyl	H
methylamino	benzyl	H	3-fluoromethyl	H
methylamino	benzyl	H	4-fluoromethyl	H
methylamino	benzyl	H	2-hydroxy	H
methylamino	benzyl	H	3-hydroxy	H
methylamino	benzyl	H	4-hydroxy	H
methylamino	benzyl	H	4-(4-fluorobenzoyl)	H
methylamino	benzyl	H	3-(4-fluorobenzoyl)	H
methylamino	benzyl	H	2-(4-fluorobenzoyl)	H
methylamino	benzyl	H	4-(4-methylbenzoyl)	H
methylamino	benzyl	H	3-(4-methylbenzoyl)	H
methylamino	benzyl	H	2-(4-methylbenzoyl)	H
methylamino	benzyl	H	4-chloroacetyl	H
methylamino	benzyl	H	3-chloroacetyl	H
methylamino	benzyl	H	2-chloroacetyl	H
methylamino	benzyl	H	4-ethoxycarbonyl	H
methylamino	benzyl	H	3-ethoxycarbonyl	H
methylamino	benzyl	H	2-ethoxycarbonyl	H
methylamino	benzyl	H	4-carboxy	H
methylamino	benzyl	H	3-carboxy	H
methylamino	benzyl	H	2-carboxy	H
methylamino	benzyl	H	4-chloromethoxy	H
methylamino	benzyl	H	3-chloromethoxy	H
methylamino	benzyl	H	2-chloromethoxy	H

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【表33】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	H	3-chloro	H
methylamino	cyclohexylmethyl	H	3-chloro	H
methylamino	cyclohexylmethyl	H	4-chloro	H
methylamino	cyclohexylmethyl	H	2-fluoro	H
methylamino	cyclohexylmethyl	H	3-fluoro	H
methylamino	cyclohexylmethyl	H	4-fluoro	H
methylamino	cyclohexylmethyl	H	2-bromo	H
methylamino	cyclohexylmethyl	H	3-bromo	H
methylamino	cyclohexylmethyl	H	4-bromo	H
methylamino	cyclohexylmethyl	H	2-nitro	H
methylamino	cyclohexylmethyl	H	3-nitro	H
methylamino	cyclohexylmethyl	H	4-nitro	H
methylamino	cyclohexylmethyl	H	2-methoxy	H
methylamino	cyclohexylmethyl	H	3-methoxy	H
methylamino	cyclohexylmethyl	H	4-methoxy	H
methylamino	cyclohexylmethyl	H	2-chloro	4-chloro
methylamino	cyclohexylmethyl	H	3-chloro	4-chloro
methylamino	cyclohexylmethyl	H	2-fluoro	4-fluoro
methylamino	cyclohexylmethyl	H	3-fluoro	4-fluoro
methylamino	cyclohexylmethyl	H	2-bromo	4-bromo
methylamino	cyclohexylmethyl	H	3-bromo	4-bromo
methylamino	cyclohexylmethyl	H	2-methoxy	4-methoxy
methylamino	cyclohexylmethyl	H	3-methoxy	4-methoxy
methylamino	cyclohexylmethyl	H	2-acetyl	H
methylamino	cyclohexylmethyl	H	3-acetyl	H
methylamino	cyclohexylmethyl	H	4-acetyl	H
methylamino	cyclohexylmethyl	H	2-benzoyl	H
methylamino	cyclohexylmethyl	H	3-benzoyl	H
methylamino	cyclohexylmethyl	H	4-benzoyl	H
methylamino	cyclohexylmethyl	H	2-cyano	H
methylamino	cyclohexylmethyl	H	3-cyano	H
methylamino	cyclohexylmethyl	H	4-cyano	H
methylamino	cyclohexylmethyl	H	2-carbamoyl	H
methylamino	cyclohexylmethyl	H	3-carbamoyl	H
methylamino	cyclohexylmethyl	H	4-carbamoyl	H
methylamino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	H	2-methylcarbamoyl	H
methylamino	cyclohexylmethyl	H	3-methylcarbamoyl	H

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【表 34】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	H	4-methylcarbamoyl	H
methylamino	cyclohexylmethyl	H	2-methoxycarbonyl	H
methylamino	cyclohexylmethyl	H	3-methoxycarbonyl	H
methylamino	cyclohexylmethyl	H	4-methoxycarbonyl	H
methylamino	cyclohexylmethyl	H	2-amino	H
methylamino	cyclohexylmethyl	H	3-amino	H
methylamino	cyclohexylmethyl	H	4-amino	H
methylamino	cyclohexylmethyl	H	2-dimethylamino	H
methylamino	cyclohexylmethyl	H	3-dimethylamino	H
methylamino	cyclohexylmethyl	H	4-dimethylamino	H
methylamino	cyclohexylmethyl	H	2-methylamino	H
methylamino	cyclohexylmethyl	H	3-methylamino	H
methylamino	cyclohexylmethyl	H	4-methylamino	H
methylamino	cyclohexylmethyl	H	2-trifluoromethyl	H
methylamino	cyclohexylmethyl	H	3-trifluoromethyl	H
methylamino	cyclohexylmethyl	H	4-trifluoromethyl	H
methylamino	cyclohexylmethyl	H	2-fluoromethyl	H
methylamino	cyclohexylmethyl	H	3-fluoromethyl	H
methylamino	cyclohexylmethyl	H	4-fluoromethyl	H
methylamino	cyclohexylmethyl	H	2-hydroxy	H
methylamino	cyclohexylmethyl	H	3-hydroxy	H
methylamino	cyclohexylmethyl	H	4-hydroxy	H
methylamino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	H	4-chloroacetyl	H
methylamino	cyclohexylmethyl	H	3-chloroacetyl	H
methylamino	cyclohexylmethyl	H	2-chloroacetyl	H
methylamino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	H	4-carboxy	H
methylamino	cyclohexylmethyl	H	3-carboxy	H
methylamino	cyclohexylmethyl	H	2-carboxy	H
methylamino	cyclohexylmethyl	H	4-chloromethoxy	H
methylamino	cyclohexylmethyl	H	3-chloromethoxy	H
methylamino	cyclohexylmethyl	H	2-chloromethoxy	H

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【表35】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	H	H	H	H
dimethylamino	methyl	H	H	H
dimethylamino	ethyl	H	H	H
dimethylamino	propyl	H	H	H
dimethylamino	methylethyl	H	H	H
dimethylamino	butyl	H	H	H
dimethylamino	1-methylpropyl	H	H	H
dimethylamino	2-methylpropyl	H	H	H
dimethylamino	dimethylethyl	H	H	H
dimethylamino	pentyl	H	H	H
dimethylamino	1-methylbutyl	H	H	H
dimethylamino	2-methylbutyl	H	H	H
dimethylamino	1,1-dimethylpropyl	H	H	H
dimethylamino	1,2-dimethylpropyl	H	H	H
dimethylamino	2,2-dimethylpropyl	H	H	H
dimethylamino	hexyl	H	H	H
dimethylamino	1-methylpentyl	H	H	H
dimethylamino	2-methylpentyl	H	H	H
dimethylamino	3-methylpentyl	H	H	H
dimethylamino	4-methylpentyl	H	H	H
dimethylamino	1,1-dimethylbutyl	H	H	H
dimethylamino	1,2-dimethylbutyl	H	H	H
dimethylamino	1,3-dimethylbutyl	H	H	H
dimethylamino	2,2-dimethylbutyl	H	H	H
dimethylamino	2,3-dimethylbutyl	H	H	H
dimethylamino	3,3-dimethylbutyl	H	H	H
dimethylamino	1-ethylbutyl	H	H	H
dimethylamino	2-ethylbutyl	H	H	H
dimethylamino	1,1,2-trimethylpropyl	H	H	H
dimethylamino	heptyl	H	H	H
dimethylamino	cyclopropyl	H	H	H
dimethylamino	cyclopentyl	H	H	H
dimethylamino	cyclohexyl	H	H	H
dimethylamino	cycloheptyl	H	H	H
dimethylamino	cyclopropylmethyl	H	H	H
dimethylamino	cyclopentylmethyl	H	H	H
dimethylamino	cyclohexylmethyl	H	H	H
dimethylamino	cycloheptylmethyl	H	H	H
dimethylamino	2-methoxyethyl	H	H	H
dimethylamino	3-methoxypropyl	H	H	H

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[表 36]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	4-methoxybutyl	H	H	H
dimethylamino	5-methoxypentyl	H	H	H
dimethylamino	5-ethoxypentyl	H	H	H
dimethylamino	2-ethoxyethyl	H	H	H
dimethylamino	3-ethoxypropyl	H	H	H
dimethylamino	4-ethoxybutyl	H	H	H
dimethylamino	2-carboxyethyl	H	H	H
dimethylamino	3-carboxypropyl	H	H	H
dimethylamino	4-carboxybutyl	H	H	H
dimethylamino	5-carboxypentyl	H	H	H
dimethylamino	2-hydroxyethyl	H	H	H
dimethylamino	3-hydroxypropyl	H	H	H
dimethylamino	4-hydroxybutyl	H	H	H
dimethylamino	5-hydroxypentyl	H	H	H
dimethylamino	2-methoxycarbonylethyl	H	H	H
dimethylamino	3-methoxycarbonylpropyl	H	H	H
dimethylamino	4-methoxycarbonylbutyl	H	H	H
dimethylamino	5-methoxycarbonylpentyl	H	H	H
dimethylamino	2-aminoethyl	H	H	H
dimethylamino	3-aminopropyl	H	H	H
dimethylamino	4-aminobutyl	H	H	H
dimethylamino	5-aminopentyl	H	H	H
dimethylamino	6-aminoethyl	H	H	H
dimethylamino	2-chloroethyl	H	H	H
dimethylamino	3-chloropropyl	H	H	H
dimethylamino	4-chlorobutyl	H	H	H
dimethylamino	5-chloropentyl	H	H	H
dimethylamino	6-chlorohexyl	H	H	H
dimethylamino	2-fluoroethyl	H	H	H
dimethylamino	3-fluoropropyl	H	H	H
dimethylamino	4-fluorobutyl	H	H	H
dimethylamino	5-fluoropentyl	H	H	H
dimethylamino	6-fluorohexyl	H	H	H
dimethylamino	2-carbamylethyl	H	H	H
dimethylamino	3-carbamoylpropyl	H	H	H
dimethylamino	4-carbamoylbutyl	H	H	H
dimethylamino	5-carbamoylpentyl	H	H	H
dimethylamino	6-carbamylhexyl	H	H	H
dimethylamino	3-methylcarbamoylpropyl	H	H	H
dimethylamino	4-methylcarbamoylbutyl	H	H	H
dimethylamino	5-methylcarbamoylpentyl	H	H	H

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【表37】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	H	H	H
dimethylamino	2-phenylethyl	H	H	H
dimethylamino	4-fluorobenzyl	H	H	H
dimethylamino	3-fluorobenzyl	H	H	H
dimethylamino	4-chlorobenzyl	H	H	H
dimethylamino	3-chlorobenzyl	H	H	H
dimethylamino	4-methoxybenzyl	H	H	H
dimethylamino	3-methoxybenzyl	H	H	H
dimethylamino	4-hydroxybenzyl	H	H	H
dimethylamino	3-hydroxybenzyl	H	H	H
dimethylamino	4-methylbenzyl	H	H	H
dimethylamino	3-methylbenzyl	H	H	H
dimethylamino	4-aminobenzyl	H	H	H
dimethylamino	3-aminobenzyl	H	H	H
dimethylamino	4-dimethylaminobenzyl	H	H	H
dimethylamino	3-dimethylaminobenzyl	H	H	H
dimethylamino	4-carbamoylbenzyl	H	H	H
dimethylamino	3-carbamoylbenzyl	H	H	H
dimethylamino	4-methylcarbamoylbenzyl	H	H	H
dimethylamino	3-methylcarbamoylbenzyl	H	H	H
dimethylamino	4-cyanobenzyl	H	H	H
dimethylamino	4-phenoxybenzyl	H	H	H
dimethylamino	phenyl	H	H	H
dimethylamino	4-fluorophenyl	H	H	H
dimethylamino	3-fluorophenyl	H	H	H
dimethylamino	4-chlorophenyl	H	H	H
dimethylamino	3-methoxyphenyl	H	H	H
dimethylamino	3-hydroxyphenyl	H	H	H
dimethylamino	4-methylphenyl	H	H	H
dimethylamino	3-methylphenyl	H	H	H
dimethylamino	4-aminophenyl	H	H	H
dimethylamino	3-aminophenyl	H	H	H
dimethylamino	3-dimethylaminophenyl	H	H	H
dimethylamino	4-dimethylaminophenyl	H	H	H
dimethylamino	3-carbamoylphenyl	H	H	H
dimethylamino	4-carbamoylphenyl	H	H	H
dimethylamino	3-cyanophenyl	H	H	H
dimethylamino	4-cyanophenyl	H	H	H
dimethylamino	3-phenoxyphenyl	H	H	H
dimethylamino	4-phenoxyphenyl	H	H	H

続く

【表38】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	H	2-chloro	H
dimethylamino	methyl	H	3-chloro	H
dimethylamino	methyl	H	4-chloro	H
dimethylamino	methyl	H	2-fluoro	H
dimethylamino	methyl	H	3-fluoro	H
dimethylamino	methyl	H	4-fluoro	H
dimethylamino	methyl	H	2-bromo	H
dimethylamino	methyl	H	3-bromo	H
dimethylamino	methyl	H	4-bromo	H
dimethylamino	methyl	H	2-nitro	H
dimethylamino	methyl	H	3-nitro	H
dimethylamino	methyl	H	4-nitro	H
dimethylamino	methyl	H	2-methoxy	H
dimethylamino	methyl	H	3-methoxy	H
dimethylamino	methyl	H	4-methoxy	H
dimethylamino	methyl	H	2-chloro	4-chloro
dimethylamino	methyl	H	3-chloro	4-chloro
dimethylamino	methyl	H	2-fluoro	4-fluoro
dimethylamino	methyl	H	3-fluoro	4-fluoro
dimethylamino	methyl	H	2-bromo	4-bromo
dimethylamino	methyl	H	3-bromo	4-bromo
dimethylamino	methyl	H	2-methoxy	4-methoxy
dimethylamino	methyl	H	3-methoxy	4-methoxy
dimethylamino	methyl	H	2-acetyl	H
dimethylamino	methyl	H	3-acetyl	H
dimethylamino	methyl	H	4-acetyl	H
dimethylamino	methyl	H	2-benzoyl	H
dimethylamino	methyl	H	3-benzoyl	H
dimethylamino	methyl	H	4-benzoyl	H
dimethylamino	methyl	H	2-cyano	H
dimethylamino	methyl	H	3-cyano	H
dimethylamino	methyl	H	4-cyano	H
dimethylamino	methyl	H	2-carbamoyl	H
dimethylamino	methyl	H	3-carbamoyl	H
dimethylamino	methyl	H	4-carbamoyl	H
dimethylamino	methyl	H	2-dimethylcarbamoyl	H
dimethylamino	methyl	H	3-dimethylcarbamoyl	H
dimethylamino	methyl	H	4-dimethylcarbamoyl	H
dimethylamino	methyl	H	2-methylcarbamoyl	H
dimethylamino	methyl	H	3-methylcarbamoyl	H

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【表39】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	H	4-methylcarbonyl	H
dimethylamino	methyl	H	2-methoxycarbonyl	H
dimethylamino	methyl	H	3-methoxycarbonyl	H
dimethylamino	methyl	H	4-methoxycarbonyl	H
dimethylamino	methyl	H	2-amino	H
dimethylamino	methyl	H	3-amino	H
dimethylamino	methyl	H	4-amino	H
dimethylamino	methyl	H	2-methylamino	H
dimethylamino	methyl	H	3-methylamino	H
dimethylamino	methyl	H	4-methylamino	H
dimethylamino	methyl	H	2-dimethylamino	H
dimethylamino	methyl	H	3-dimethylamino	H
dimethylamino	methyl	H	4-dimethylamino	H
dimethylamino	methyl	H	2-trifluoromethyl	H
dimethylamino	methyl	H	3-trifluoromethyl	H
dimethylamino	methyl	H	4-trifluoromethyl	H
dimethylamino	methyl	H	2-fluoromethyl	H
dimethylamino	methyl	H	3-fluoromethyl	H
dimethylamino	methyl	H	4-fluoromethyl	H
dimethylamino	methyl	H	2-hydroxy	H
dimethylamino	methyl	H	3-hydroxy	H
dimethylamino	methyl	H	4-hydroxy	H
dimethylamino	methyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	methyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	methyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	methyl	H	4-(4-methylbenzoyl)	H
dimethylamino	methyl	H	3-(4-methylbenzoyl)	H
dimethylamino	methyl	H	2-(4-methylbenzoyl)	H
dimethylamino	methyl	H	4-chloroacetyl	H
dimethylamino	methyl	H	3-chloroacetyl	H
dimethylamino	methyl	H	2-chloroacetyl	H
dimethylamino	methyl	H	4-ethoxycarbonyl	H
dimethylamino	methyl	H	3-ethoxycarbonyl	H
dimethylamino	methyl	H	2-ethoxycarbonyl	H
dimethylamino	methyl	H	4-carboxy	H
dimethylamino	methyl	H	3-carboxy	H
dimethylamino	methyl	H	2-carboxy	H
dimethylamino	methyl	H	4-chloromethoxy	H
dimethylamino	methyl	H	3-chloromethoxy	H
dimethylamino	methyl	H	2-chloromethoxy	H

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【表40】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	H	2-chloro	H
dimethylamino	ethyl	H	3-chloro	H
dimethylamino	ethyl	H	4-chloro	H
dimethylamino	ethyl	H	2-fluoro	H
dimethylamino	ethyl	H	3-fluoro	H
dimethylamino	ethyl	H	4-fluoro	H
dimethylamino	ethyl	H	2-bromo	H
dimethylamino	ethyl	H	3-bromo	H
dimethylamino	ethyl	H	4-bromo	H
dimethylamino	ethyl	H	2-nitro	H
dimethylamino	ethyl	H	3-nitro	H
dimethylamino	ethyl	H	4-nitro	H
dimethylamino	ethyl	H	2-methoxy	H
dimethylamino	ethyl	H	3-methoxy	H
dimethylamino	ethyl	H	4-methoxy	H
dimethylamino	ethyl	H	2-chloro	4-chloro
dimethylamino	ethyl	H	3-chloro	4-chloro
dimethylamino	ethyl	H	2-fluoro	4-fluoro
dimethylamino	ethyl	H	3-fluoro	4-fluoro
dimethylamino	ethyl	H	2-bromo	4-bromo
dimethylamino	ethyl	H	3-bromo	4-bromo
dimethylamino	ethyl	H	2-methoxy	4-methoxy
dimethylamino	ethyl	H	3-methoxy	4-methoxy
dimethylamino	ethyl	H	2-acetyl	H
dimethylamino	ethyl	H	3-acetyl	H
dimethylamino	ethyl	H	4-acetyl	H
dimethylamino	ethyl	H	2-benzoyl	H
dimethylamino	ethyl	H	3-benzoyl	H
dimethylamino	ethyl	H	4-benzoyl	H
dimethylamino	ethyl	H	2-cyano	H
dimethylamino	ethyl	H	3-cyano	H
dimethylamino	ethyl	H	4-cyano	H
dimethylamino	ethyl	H	2-carbamoyl	H
dimethylamino	ethyl	H	3-carbamoyl	H
dimethylamino	ethyl	H	4-carbamoyl	H
dimethylamino	ethyl	H	2-dimethylcarbamoyl	H
dimethylamino	ethyl	H	3-dimethylcarbamoyl	H
dimethylamino	ethyl	H	4-dimethylcarbamoyl	H
dimethylamino	ethyl	H	2-methylcarbamoyl	H
dimethylamino	ethyl	H	3-methylcarbamoyl	H

続く

【0063】

【表 4 1】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	H	4-methylcarbonyl	H
dimethylamino	ethyl	H	2-methoxycarbonyl	H
dimethylamino	ethyl	H	3-methoxycarbonyl	H
dimethylamino	ethyl	H	4-methoxycarbonyl	H
dimethylamino	ethyl	H	2-amino	H
dimethylamino	ethyl	H	3-amino	H
dimethylamino	ethyl	H	4-amino	H
dimethylamino	ethyl	H	2-methylamino	H
dimethylamino	ethyl	H	3-methylamino	H
dimethylamino	ethyl	H	4-methylamino	H
dimethylamino	ethyl	H	2-dimethylamino	H
dimethylamino	ethyl	H	3-dimethylamino	H
dimethylamino	ethyl	H	4-dimethylamino	H
dimethylamino	ethyl	H	2-trifluoromethyl	H
dimethylamino	ethyl	H	3-trifluoromethyl	H
dimethylamino	ethyl	H	4-trifluoromethyl	H
dimethylamino	ethyl	H	2-fluoromethyl	H
dimethylamino	ethyl	H	3-fluoromethyl	H
dimethylamino	ethyl	H	4-fluoromethyl	H
dimethylamino	ethyl	H	2-hydroxy	H
dimethylamino	ethyl	H	3-hydroxy	H
dimethylamino	ethyl	H	4-hydroxy	H
dimethylamino	ethyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	ethyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	ethyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	ethyl	H	4-(4-methylbenzoyl)	H
dimethylamino	ethyl	H	3-(4-methylbenzoyl)	H
dimethylamino	ethyl	H	2-(4-methylbenzoyl)	H
dimethylamino	ethyl	H	4-chloroacetyl	H
dimethylamino	ethyl	H	3-chloroacetyl	H
dimethylamino	ethyl	H	2-chloroacetyl	H
dimethylamino	ethyl	H	4-ethoxycarbonyl	H
dimethylamino	ethyl	H	3-ethoxycarbonyl	H
dimethylamino	ethyl	H	2-ethoxycarbonyl	H
dimethylamino	ethyl	H	4-carboxy	H
dimethylamino	ethyl	H	3-carboxy	H
dimethylamino	ethyl	H	2-carboxy	H
dimethylamino	ethyl	H	4-chloromethoxy	H
dimethylamino	ethyl	H	3-chloromethoxy	H
dimethylamino	ethyl	H	2-chloromethoxy	H

続く

【表 42】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	H	2-chloro	H
dimethylamino	propyl	H	3-chloro	H
dimethylamino	propyl	H	4-chloro	H
dimethylamino	propyl	H	2-fluoro	H
dimethylamino	propyl	H	3-fluoro	H
dimethylamino	propyl	H	4-fluoro	H
dimethylamino	propyl	H	2-bromo	H
dimethylamino	propyl	H	3-bromo	H
dimethylamino	propyl	H	4-bromo	H
dimethylamino	propyl	H	2-nitro	H
dimethylamino	propyl	H	3-nitro	H
dimethylamino	propyl	H	4-nitro	H
dimethylamino	propyl	H	2-methoxy	H
dimethylamino	propyl	H	3-methoxy	H
dimethylamino	propyl	H	4-methoxy	H
dimethylamino	propyl	H	2-chloro	4-chloro
dimethylamino	propyl	H	3-chloro	4-chloro
dimethylamino	propyl	H	2-fluoro	4-fluoro
dimethylamino	propyl	H	3-fluoro	4-fluoro
dimethylamino	propyl	H	2-bromo	4-bromo
dimethylamino	propyl	H	3-bromo	4-bromo
dimethylamino	propyl	H	2-methoxy	4-methoxy
dimethylamino	propyl	H	3-methoxy	4-methoxy
dimethylamino	propyl	H	2-acetyl	H
dimethylamino	propyl	H	3-acetyl	H
dimethylamino	propyl	H	4-acetyl	H
dimethylamino	propyl	H	2-benzoyl	H
dimethylamino	propyl	H	3-benzoyl	H
dimethylamino	propyl	H	4-benzoyl	H
dimethylamino	propyl	H	2-cyano	H
dimethylamino	propyl	H	3-cyano	H
dimethylamino	propyl	H	4-cyano	H
dimethylamino	propyl	H	2-carbamoyl	H
dimethylamino	propyl	H	3-carbamoyl	H
dimethylamino	propyl	H	4-carbamoyl	H
dimethylamino	propyl	H	2-dimethylcarbamoyl	H
dimethylamino	propyl	H	3-dimethylcarbamoyl	H
dimethylamino	propyl	H	4-dimethylcarbamoyl	H
dimethylamino	propyl	H	2-methylcarbamoyl	H
dimethylamino	propyl	H	3-methylcarbamoyl	H

続<

【表43】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	H	4-methylcarbamoyl	H
dimethylamino	propyl	H	2-methoxycarbonyl	H
dimethylamino	propyl	H	3-methoxycarbonyl	H
dimethylamino	propyl	H	4-methoxycarbonyl	H
dimethylamino	propyl	H	2-amino	H
dimethylamino	propyl	H	3-amino	H
dimethylamino	propyl	H	4-amino	H
dimethylamino	propyl	H	2-methylamino	H
dimethylamino	propyl	H	3-methylamino	H
dimethylamino	propyl	H	4-methylamino	H
dimethylamino	propyl	H	2-dimethylamino	H
dimethylamino	propyl	H	3-dimethylamino	H
dimethylamino	propyl	H	4-dimethylamino	H
dimethylamino	propyl	H	2-trifluoromethyl	H
dimethylamino	propyl	H	3-trifluoromethyl	H
dimethylamino	propyl	H	4-trifluoromethyl	H
dimethylamino	propyl	H	2-fluoromethyl	H
dimethylamino	propyl	H	3-fluoromethyl	H
dimethylamino	propyl	H	4-fluoromethyl	H
dimethylamino	propyl	H	2-hydroxy	H
dimethylamino	propyl	H	3-hydroxy	H
dimethylamino	propyl	H	4-hydroxy	H
dimethylamino	propyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	propyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	propyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	propyl	H	4-(4-methylbenzoyl)	H
dimethylamino	propyl	H	3-(4-methylbenzoyl)	H
dimethylamino	propyl	H	2-(4-methylbenzoyl)	H
dimethylamino	propyl	H	4-chloroacetyl	H
dimethylamino	propyl	H	3-chloroacetyl	H
dimethylamino	propyl	H	2-chloroacetyl	H
dimethylamino	propyl	H	4-ethoxycarbonyl	H
dimethylamino	propyl	H	3-ethoxycarbonyl	H
dimethylamino	propyl	H	2-ethoxycarbonyl	H
dimethylamino	propyl	H	4-carboxy	H
dimethylamino	propyl	H	3-carboxy	H
dimethylamino	propyl	H	2-carboxy	H
dimethylamino	propyl	H	4-chloromethoxy	H
dimethylamino	propyl	H	3-chloromethoxy	H
dimethylamino	propyl	H	2-chloromethoxy	H

続<

【表44】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	H	2-chloro	H
dimethylamino	butyl	H	3-chloro	H
dimethylamino	butyl	H	4-chloro	H
dimethylamino	butyl	H	2-fluoro	H
dimethylamino	butyl	H	3-fluoro	H
dimethylamino	butyl	H	4-fluoro	H
dimethylamino	butyl	H	2-bromo	H
dimethylamino	butyl	H	3-bromo	H
dimethylamino	butyl	H	4-bromo	H
dimethylamino	butyl	H	2-nitro	H
dimethylamino	butyl	H	3-nitro	H
dimethylamino	butyl	H	4-nitro	H
dimethylamino	butyl	H	2-methoxy	H
dimethylamino	butyl	H	3-methoxy	H
dimethylamino	butyl	H	4-methoxy	H
dimethylamino	butyl	H	2-chloro	4-chloro
dimethylamino	butyl	H	3-chloro	4-chloro
dimethylamino	butyl	H	2-fluoro	4-fluoro
dimethylamino	butyl	H	3-fluoro	4-fluoro
dimethylamino	butyl	H	2-bromo	4-bromo
dimethylamino	butyl	H	3-bromo	4-bromo
dimethylamino	butyl	H	2-methoxy	4-methoxy
dimethylamino	butyl	H	3-methoxy	4-methoxy
dimethylamino	butyl	H	2-acetyl	H
dimethylamino	butyl	H	3-acetyl	H
dimethylamino	butyl	H	4-acetyl	H
dimethylamino	butyl	H	2-benzoyl	H
dimethylamino	butyl	H	3-benzoyl	H
dimethylamino	butyl	H	4-benzoyl	H
dimethylamino	butyl	H	2-cyano	H
dimethylamino	butyl	H	3-cyano	H
dimethylamino	butyl	H	4-cyano	H
dimethylamino	butyl	H	2-carbamoyl	H
dimethylamino	butyl	H	3-carbamoyl	H
dimethylamino	butyl	H	4-carbamoyl	H
dimethylamino	butyl	H	2-dimethylcarbamoyl	H
dimethylamino	butyl	H	3-dimethylcarbamoyl	H
dimethylamino	butyl	H	4-dimethylcarbamoyl	H
dimethylamino	butyl	H	2-methylcarbamoyl	H
dimethylamino	butyl	H	3-methylcarbamoyl	H

続く

【表 45】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	H	4-methylcarbonyl	H
dimethylamino	butyl	H	2-methoxycarbonyl	H
dimethylamino	butyl	H	3-methoxycarbonyl	H
dimethylamino	butyl	H	4-methoxycarbonyl	H
dimethylamino	butyl	H	2-amino	H
dimethylamino	butyl	H	3-amino	H
dimethylamino	butyl	H	4-amino	H
dimethylamino	butyl	H	2-methylamino	H
dimethylamino	butyl	H	3-methylamino	H
dimethylamino	butyl	H	4-methylamino	H
dimethylamino	butyl	H	2-dimethylamino	H
dimethylamino	butyl	H	3-dimethylamino	H
dimethylamino	butyl	H	4-dimethylamino	H
dimethylamino	butyl	H	2-trifluoromethyl	H
dimethylamino	butyl	H	3-trifluoromethyl	H
dimethylamino	butyl	H	4-trifluoromethyl	H
dimethylamino	butyl	H	2-fluoromethyl	H
dimethylamino	butyl	H	3-fluoromethyl	H
dimethylamino	butyl	H	4-fluoromethyl	H
dimethylamino	butyl	H	2-hydroxy	H
dimethylamino	butyl	H	3-hydroxy	H
dimethylamino	butyl	H	4-hydroxy	H
dimethylamino	butyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	butyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	butyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	butyl	H	4-(4-methylbenzoyl)	H
dimethylamino	butyl	H	3-(4-methylbenzoyl)	H
dimethylamino	butyl	H	2-(4-methylbenzoyl)	H
dimethylamino	butyl	H	4-chloroacetyl	H
dimethylamino	butyl	H	3-chloroacetyl	H
dimethylamino	butyl	H	2-chloroacetyl	H
dimethylamino	butyl	H	4-ethoxycarbonyl	H
dimethylamino	butyl	H	3-ethoxycarbonyl	H
dimethylamino	butyl	H	2-ethoxycarbonyl	H
dimethylamino	butyl	H	4-carboxy	H
dimethylamino	butyl	H	3-carboxy	H
dimethylamino	butyl	H	2-carboxy	H
dimethylamino	butyl	H	4-chloromethoxy	H
dimethylamino	butyl	H	3-chloromethoxy	H
dimethylamino	butyl	H	2-chloromethoxy	H

続<

【表46】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	H	2-chloro	H
dimethylamino	benzyl	H	3-chloro	H
dimethylamino	benzyl	H	4-chloro	H
dimethylamino	benzyl	H	2-fluoro	H
dimethylamino	benzyl	H	3-fluoro	H
dimethylamino	benzyl	H	4-fluoro	H
dimethylamino	benzyl	H	2-bromo	H
dimethylamino	benzyl	H	3-bromo	H
dimethylamino	benzyl	H	4-bromo	H
dimethylamino	benzyl	H	2-nitro	H
dimethylamino	benzyl	H	3-nitro	H
dimethylamino	benzyl	H	4-nitro	H
dimethylamino	benzyl	H	2-methoxy	H
dimethylamino	benzyl	H	3-methoxy	H
dimethylamino	benzyl	H	4-methoxy	H
dimethylamino	benzyl	H	2-chloro	4-chloro
dimethylamino	benzyl	H	3-chloro	4-chloro
dimethylamino	benzyl	H	2-fluoro	4-fluoro
dimethylamino	benzyl	H	3-fluoro	4-fluoro
dimethylamino	benzyl	H	2-bromo	4-bromo
dimethylamino	benzyl	H	3-bromo	4-bromo
dimethylamino	benzyl	H	2-methoxy	4-methoxy
dimethylamino	benzyl	H	3-methoxy	4-methoxy
dimethylamino	benzyl	H	2-acetyl	H
dimethylamino	benzyl	H	3-acetyl	H
dimethylamino	benzyl	H	4-acetyl	H
dimethylamino	benzyl	H	2-benzoyl	H
dimethylamino	benzyl	H	3-benzoyl	H
dimethylamino	benzyl	H	4-benzoyl	H
dimethylamino	benzyl	H	2-cyano	H
dimethylamino	benzyl	H	3-cyano	H
dimethylamino	benzyl	H	4-cyano	H
dimethylamino	benzyl	H	2-carbamoyl	H
dimethylamino	benzyl	H	3-carbamoyl	H
dimethylamino	benzyl	H	4-carbamoyl	H
dimethylamino	benzyl	H	2-dimethylcarbamoyl	H
dimethylamino	benzyl	H	3-dimethylcarbamoyl	H
dimethylamino	benzyl	H	4-dimethylcarbamoyl	H
dimethylamino	benzyl	H	2-methylcarbamoyl	H
dimethylamino	benzyl	H	3-methylcarbamoyl	H

続く

【表 4 7】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	H	4-methylcarbonyl	H
dimethylamino	benzyl	H	2-methoxycarbonyl	H
dimethylamino	benzyl	H	3-methoxycarbonyl	H
dimethylamino	benzyl	H	4-methoxycarbonyl	H
dimethylamino	benzyl	H	2-amino	H
dimethylamino	benzyl	H	3-amino	H
dimethylamino	benzyl	H	4-amino	H
dimethylamino	benzyl	H	2-methylamino	H
dimethylamino	benzyl	H	3-methylamino	H
dimethylamino	benzyl	H	4-methylamino	H
dimethylamino	benzyl	H	2-dimethylamino	H
dimethylamino	benzyl	H	3-dimethylamino	H
dimethylamino	benzyl	H	4-dimethylamino	H
dimethylamino	benzyl	H	2-trifluoromethyl	H
dimethylamino	benzyl	H	3-trifluoromethyl	H
dimethylamino	benzyl	H	4-trifluoromethyl	H
dimethylamino	benzyl	H	2-fluoromethyl	H
dimethylamino	benzyl	H	3-fluoromethyl	H
dimethylamino	benzyl	H	4-fluoromethyl	H
dimethylamino	benzyl	H	2-hydroxy	H
dimethylamino	benzyl	H	3-hydroxy	H
dimethylamino	benzyl	H	4-hydroxy	H
dimethylamino	benzyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	benzyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	benzyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	benzyl	H	4-(4-methylbenzoyl)	H
dimethylamino	benzyl	H	3-(4-methylbenzoyl)	H
dimethylamino	benzyl	H	2-(4-methylbenzoyl)	H
dimethylamino	benzyl	H	4-chloroacetyl	H
dimethylamino	benzyl	H	3-chloroacetyl	H
dimethylamino	benzyl	H	2-chloroacetyl	H
dimethylamino	benzyl	H	4-ethoxycarbonyl	H
dimethylamino	benzyl	H	3-ethoxycarbonyl	H
dimethylamino	benzyl	H	2-ethoxycarbonyl	H
dimethylamino	benzyl	H	4-carboxy	H
dimethylamino	benzyl	H	3-carboxy	H
dimethylamino	benzyl	H	2-carboxy	H
dimethylamino	benzyl	H	4-chloromethoxy	H
dimethylamino	benzyl	H	3-chloromethoxy	H
dimethylamino	benzyl	H	2-chloromethoxy	H

続<

【表48】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	H	3-chloro	H
dimethylamino	cyclohexylmethyl	H	3-chloro	H
dimethylamino	cyclohexylmethyl	H	4-chloro	H
dimethylamino	cyclohexylmethyl	H	2-fluoro	H
dimethylamino	cyclohexylmethyl	H	3-fluoro	H
dimethylamino	cyclohexylmethyl	H	4-fluoro	H
dimethylamino	cyclohexylmethyl	H	2-bromo	H
dimethylamino	cyclohexylmethyl	H	3-bromo	H
dimethylamino	cyclohexylmethyl	H	4-bromo	H
dimethylamino	cyclohexylmethyl	H	2-nitro	H
dimethylamino	cyclohexylmethyl	H	3-nitro	H
dimethylamino	cyclohexylmethyl	H	4-nitro	H
dimethylamino	cyclohexylmethyl	H	2-methoxy	H
dimethylamino	cyclohexylmethyl	H	3-methoxy	H
dimethylamino	cyclohexylmethyl	H	4-methoxy	H
dimethylamino	cyclohexylmethyl	H	2-chloro	4-chloro
dimethylamino	cyclohexylmethyl	H	3-chloro	4-chloro
dimethylamino	cyclohexylmethyl	H	2-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	H	3-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	H	2-bromo	4-bromo
dimethylamino	cyclohexylmethyl	H	3-bromo	4-bromo
dimethylamino	cyclohexylmethyl	H	2-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	H	3-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	H	2-acetyl	H
dimethylamino	cyclohexylmethyl	H	3-acetyl	H
dimethylamino	cyclohexylmethyl	H	4-acetyl	H
dimethylamino	cyclohexylmethyl	H	2-benzoyl	H
dimethylamino	cyclohexylmethyl	H	3-benzoyl	H
dimethylamino	cyclohexylmethyl	H	4-benzoyl	H
dimethylamino	cyclohexylmethyl	H	2-cyano	H
dimethylamino	cyclohexylmethyl	H	3-cyano	H
dimethylamino	cyclohexylmethyl	H	4-cyano	H
dimethylamino	cyclohexylmethyl	H	2-carbamoyl	H
dimethylamino	cyclohexylmethyl	H	3-carbamoyl	H
dimethylamino	cyclohexylmethyl	H	4-carbamoyl	H
dimethylamino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	H	2-methylcarbamoyl	H
dimethylamino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

【表 4 9】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	H	4-methylcarbonyl	H
dimethylamino	cyclohexylmethyl	H	2-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	3-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	4-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	2-amino	H
dimethylamino	cyclohexylmethyl	H	3-amino	H
dimethylamino	cyclohexylmethyl	H	4-amino	H
dimethylamino	cyclohexylmethyl	H	2-methylamino	H
dimethylamino	cyclohexylmethyl	H	3-methylamino	H
dimethylamino	cyclohexylmethyl	H	4-methylamino	H
dimethylamino	cyclohexylmethyl	H	2-dimethylamino	H
dimethylamino	cyclohexylmethyl	H	3-dimethylamino	H
dimethylamino	cyclohexylmethyl	H	4-dimethylamino	H
dimethylamino	cyclohexylmethyl	H	2-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	H	3-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	H	4-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	H	2-fluoromethyl	H
dimethylamino	cyclohexylmethyl	H	3-fluoromethyl	H
dimethylamino	cyclohexylmethyl	H	4-fluoromethyl	H
dimethylamino	cyclohexylmethyl	H	2-hydroxy	H
dimethylamino	cyclohexylmethyl	H	3-hydroxy	H
dimethylamino	cyclohexylmethyl	H	4-hydroxy	H
dimethylamino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	H	4-chloroacetyl	H
dimethylamino	cyclohexylmethyl	H	3-chloroacetyl	H
dimethylamino	cyclohexylmethyl	H	2-chloroacetyl	H
dimethylamino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	H	4-carboxy	H
dimethylamino	cyclohexylmethyl	H	3-carboxy	H
dimethylamino	cyclohexylmethyl	H	2-carboxy	H
dimethylamino	cyclohexylmethyl	H	4-chloromethoxy	H
dimethylamino	cyclohexylmethyl	H	3-chloromethoxy	H
dimethylamino	cyclohexylmethyl	H	2-chloromethoxy	H

続<

【表50】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	H	H	H	H
ethylamino	methyl	H	H	H
ethylamino	ethyl	H	H	H
ethylamino	propyl	H	H	H
ethylamino	methylethyl	H	H	H
ethylamino	butyl	H	H	H
ethylamino	1-methylpropyl	H	H	H
ethylamino	2-methylpropyl	H	H	H
ethylamino	dimethylethyl	H	H	H
ethylamino	pentyl	H	H	H
ethylamino	1-methylbutyl	H	H	H
ethylamino	2-methylbutyl	H	H	H
ethylamino	1,1-dimethylpropyl	H	H	H
ethylamino	1,2-dimethylpropyl	H	H	H
ethylamino	2,2-dimethylpropyl	H	H	H
ethylamino	hexyl	H	H	H
ethylamino	1-methylpentyl	H	H	H
ethylamino	2-methylpentyl	H	H	H
ethylamino	3-methylpentyl	H	H	H
ethylamino	4-methylpentyl	H	H	H
ethylamino	1,1-dimethylbutyl	H	H	H
ethylamino	1,2-dimethylbutyl	H	H	H
ethylamino	1,3-dimethylbutyl	H	H	H
ethylamino	2,2-dimethylbutyl	H	H	H
ethylamino	2,3-dimethylbutyl	H	H	H
ethylamino	3,3-dimethylbutyl	H	H	H
ethylamino	1-ethylbutyl	H	H	H
ethylamino	2-ethylbutyl	H	H	H
ethylamino	1,1,2-trimethylpropyl	H	H	H
ethylamino	heptyl	H	H	H
ethylamino	cyclopropyl	H	H	H
ethylamino	cyclopentyl	H	H	H
ethylamino	cyclohexyl	H	H	H
ethylamino	cycloheptyl	H	H	H
ethylamino	cyclopropylmethyl	H	H	H
ethylamino	cyclopentylmethyl	H	H	H
ethylamino	cyclohexylmethyl	H	H	H
ethylamino	cycloheptylmethyl	H	H	H
ethylamino	2-methoxyethyl	H	H	H
ethylamino	3-methoxypropyl	H	H	H

続く

【表 51】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	4-methoxybutyl	H	H	H
ethylamino	5-methoxypentyl	H	H	H
ethylamino	5-ethoxypentyl	H	H	H
ethylamino	2-ethoxyethyl	H	H	H
ethylamino	3-ethoxypropyl	H	H	H
ethylamino	4-ethoxybutyl	H	H	H
ethylamino	2-carboxyethyl	H	H	H
ethylamino	3-carboxypropyl	H	H	H
ethylamino	4-carboxybutyl	H	H	H
ethylamino	5-carboxypentyl	H	H	H
ethylamino	2-hydroxyethyl	H	H	H
ethylamino	3-hydroxypropyl	H	H	H
ethylamino	4-hydroxybutyl	H	H	H
ethylamino	5-hydroxypentyl	H	H	H
ethylamino	2-methoxycarbonylethyl	H	H	H
ethylamino	3-methoxycarbonylpropyl	H	H	H
ethylamino	4-methoxycarbonylbutyl	H	H	H
ethylamino	5-methoxycarbonylpentyl	H	H	H
ethylamino	2-aminoethyl	H	H	H
ethylamino	3-aminopropyl	H	H	H
ethylamino	4-aminobutyl	H	H	H
ethylamino	5-aminopentyl	H	H	H
ethylamino	6-aminohexyl	H	H	H
ethylamino	2-chloroethyl	H	H	H
ethylamino	3-chloropropyl	H	H	H
ethylamino	4-chlorobutyl	H	H	H
ethylamino	5-chloropentyl	H	H	H
ethylamino	6-chlorohexyl	H	H	H
ethylamino	2-fluoroethyl	H	H	H
ethylamino	3-fluoropropyl	H	H	H
ethylamino	4-fluorobutyl	H	H	H
ethylamino	5-fluoropentyl	H	H	H
ethylamino	6-fluorohexyl	H	H	H
ethylamino	2-carbamoylethyl	H	H	H
ethylamino	3-carbamoylpropyl	H	H	H
ethylamino	4-carbamoylbutyl	H	H	H
ethylamino	5-carbamoylpentyl	H	H	H
ethylamino	6-carbamoylhexyl	H	H	H
ethylamino	3-methylcarbamoylpropyl	H	H	H
ethylamino	4-methylcarbamoylbutyl	H	H	H
ethylamino	5-methylcarbamoylpentyl	H	H	H

続く

【表52】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	H	H	H
ethylamino	2-phenylethyl	H	H	H
ethylamino	4-fluorobenzyl	H	H	H
ethylamino	3-fluorobenzyl	H	H	H
ethylamino	4-chlorobenzyl	H	H	H
ethylamino	3-chlorobenzyl	H	H	H
ethylamino	4-methoxybenzyl	H	H	H
ethylamino	3-methoxybenzyl	H	H	H
ethylamino	4-hydroxybenzyl	H	H	H
ethylamino	3-hydroxybenzyl	H	H	H
ethylamino	4-methylbenzyl	H	H	H
ethylamino	3-methylbenzyl	H	H	H
ethylamino	4-aminobenzyl	H	H	H
ethylamino	3-aminobenzyl	H	H	H
ethylamino	4-dimethylaminobenzyl	H	H	H
ethylamino	3-dimethylaminobenzyl	H	H	H
ethylamino	4-carbamoylbenzyl	H	H	H
ethylamino	3-carbamoylbenzyl	H	H	H
ethylamino	4-methylcarbamoylbenzyl	H	H	H
ethylamino	3-methylcarbamoylbenzyl	H	H	H
ethylamino	4-cyanobenzyl	H	H	H
ethylamino	4-phenoxybenzyl	H	H	H
ethylamino	phenyl	H	H	H
ethylamino	4-fluorophenyl	H	H	H
ethylamino	3-fluorophenyl	H	H	H
ethylamino	4-chlorophenyl	H	H	H
ethylamino	3-methoxyphenyl	H	H	H
ethylamino	3-hydroxyphenyl	H	H	H
ethylamino	4-methylphenyl	H	H	H
ethylamino	3-methylphenyl	H	H	H
ethylamino	4-aminophenyl	H	H	H
ethylamino	3-aminophenyl	H	H	H
ethylamino	3-dimethylaminophenyl	H	H	H
ethylamino	4-dimethylaminophenyl	H	H	H
ethylamino	3-carbamoylphenyl	H	H	H
ethylamino	4-carbamoylphenyl	H	H	H
ethylamino	3-cyanophenyl	H	H	H
ethylamino	4-cyanophenyl	H	H	H
ethylamino	3-phenoxyphenyl	H	H	H
ethylamino	4-phenoxyphenyl	H	H	H

続く

【表53】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	H	2-chloro	H
ethylamino	methyl	H	3-chloro	H
ethylamino	methyl	H	4-chloro	H
ethylamino	methyl	H	2-fluoro	H
ethylamino	methyl	H	3-fluoro	H
ethylamino	methyl	H	4-fluoro	H
ethylamino	methyl	H	2-bromo	H
ethylamino	methyl	H	3-bromo	H
ethylamino	methyl	H	4-bromo	H
ethylamino	methyl	H	2-nitro	H
ethylamino	methyl	H	3-nitro	H
ethylamino	methyl	H	4-nitro	H
ethylamino	methyl	H	2-methoxy	H
ethylamino	methyl	H	3-methoxy	H
ethylamino	methyl	H	4-methoxy	H
ethylamino	methyl	H	2-chloro	4-chloro
ethylamino	methyl	H	3-chloro	4-chloro
ethylamino	methyl	H	2-fluoro	4-fluoro
ethylamino	methyl	H	3-fluoro	4-fluoro
ethylamino	methyl	H	2-bromo	4-bromo
ethylamino	methyl	H	3-bromo	4-bromo
ethylamino	methyl	H	2-methoxy	4-methoxy
ethylamino	methyl	H	3-methoxy	4-methoxy
ethylamino	methyl	H	2-acetyl	H
ethylamino	methyl	H	3-acetyl	H
ethylamino	methyl	H	4-acetyl	H
ethylamino	methyl	H	2-benzoyl	H
ethylamino	methyl	H	3-benzoyl	H
ethylamino	methyl	H	4-benzoyl	H
ethylamino	methyl	H	2-cyano	H
ethylamino	methyl	H	3-cyano	H
ethylamino	methyl	H	4-cyano	H
ethylamino	methyl	H	2-carbamoyl	H
ethylamino	methyl	H	3-carbamoyl	H
ethylamino	methyl	H	4-carbamoyl	H
ethylamino	methyl	H	2-dimethylcarbamoyl	H
ethylamino	methyl	H	3-dimethylcarbamoyl	H
ethylamino	methyl	H	4-dimethylcarbamoyl	H
ethylamino	methyl	H	2-methylcarbamoyl	H
ethylamino	methyl	H	3-methylcarbamoyl	H

続く

【表54】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	H	4-methylcarbamoyl	H
ethylamino	methyl	H	2-methoxycarbonyl	H
ethylamino	methyl	H	3-methoxycarbonyl	H
ethylamino	methyl	H	4-methoxycarbonyl	H
ethylamino	methyl	H	2-amino	H
ethylamino	methyl	H	3-amino	H
ethylamino	methyl	H	4-amino	H
ethylamino	methyl	H	2-methylamino	H
ethylamino	methyl	H	3-methylamino	H
ethylamino	methyl	H	4-methylamino	H
ethylamino	methyl	H	2-dimethylamino	H
ethylamino	methyl	H	3-dimethylamino	H
ethylamino	methyl	H	4-dimethylamino	H
ethylamino	methyl	H	2-trifluoromethyl	H
ethylamino	methyl	H	3-trifluoromethyl	H
ethylamino	methyl	H	4-trifluoromethyl	H
ethylamino	methyl	H	2-fluoromethyl	H
ethylamino	methyl	H	3-fluoromethyl	H
ethylamino	methyl	H	4-fluoromethyl	H
ethylamino	methyl	H	2-hydroxy	H
ethylamino	methyl	H	3-hydroxy	H
ethylamino	methyl	H	4-hydroxy	H
ethylamino	methyl	H	4-(4-fluorobenzoyl)	H
ethylamino	methyl	H	3-(4-fluorobenzoyl)	H
ethylamino	methyl	H	2-(4-fluorobenzoyl)	H
ethylamino	methyl	H	4-(4-methylbenzoyl)	H
ethylamino	methyl	H	3-(4-methylbenzoyl)	H
ethylamino	methyl	H	2-(4-methylbenzoyl)	H
ethylamino	methyl	H	4-chloroacetyl	H
ethylamino	methyl	H	3-chloroacetyl	H
ethylamino	methyl	H	2-chloroacetyl	H
ethylamino	methyl	H	4-ethoxycarbonyl	H
ethylamino	methyl	H	3-ethoxycarbonyl	H
ethylamino	methyl	H	2-ethoxycarbonyl	H
ethylamino	methyl	H	4-carboxy	H
ethylamino	methyl	H	3-carboxy	H
ethylamino	methyl	H	2-carboxy	H
ethylamino	methyl	H	4-chloromethoxy	H
ethylamino	methyl	H	3-chloromethoxy	H
ethylamino	methyl	H	2-chloromethoxy	H

続く

【表55】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	H	2-chloro	H
ethylamino	ethyl	H	3-chloro	H
ethylamino	ethyl	H	4-chloro	H
ethylamino	ethyl	H	2-fluoro	H
ethylamino	ethyl	H	3-fluoro	H
ethylamino	ethyl	H	4-fluoro	H
ethylamino	ethyl	H	2-bromo	H
ethylamino	ethyl	H	3-bromo	H
ethylamino	ethyl	H	4-bromo	H
ethylamino	ethyl	H	2-nitro	H
ethylamino	ethyl	H	3-nitro	H
ethylamino	ethyl	H	4-nitro	H
ethylamino	ethyl	H	2-methoxy	H
ethylamino	ethyl	H	3-methoxy	H
ethylamino	ethyl	H	4-methoxy	H
ethylamino	ethyl	H	2-chloro	4-chloro
ethylamino	ethyl	H	3-chloro	4-chloro
ethylamino	ethyl	H	2-fluoro	4-fluoro
ethylamino	ethyl	H	3-fluoro	4-fluoro
ethylamino	ethyl	H	2-bromo	4-bromo
ethylamino	ethyl	H	3-bromo	4-bromo
ethylamino	ethyl	H	2-methoxy	4-methoxy
ethylamino	ethyl	H	3-methoxy	4-methoxy
ethylamino	ethyl	H	2-acetyl	H
ethylamino	ethyl	H	3-acetyl	H
ethylamino	ethyl	H	4-acetyl	H
ethylamino	ethyl	H	2-benzoyl	H
ethylamino	ethyl	H	3-benzoyl	H
ethylamino	ethyl	H	4-benzoyl	H
ethylamino	ethyl	H	2-cyano	H
ethylamino	ethyl	H	3-cyano	H
ethylamino	ethyl	H	4-cyano	H
ethylamino	ethyl	H	2-carbamoyl	H
ethylamino	ethyl	H	3-carbamoyl	H
ethylamino	ethyl	H	4-carbamoyl	H
ethylamino	ethyl	H	2-dimethylcarbamoyl	H
ethylamino	ethyl	H	3-dimethylcarbamoyl	H
ethylamino	ethyl	H	4-dimethylcarbamoyl	H
ethylamino	ethyl	H	2-methylcarbamoyl	H
ethylamino	ethyl	H	3-methylcarbamoyl	H

続く

【表56】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	H	4-methylcarbamoyl	H
ethylamino	ethyl	H	2-methoxycarbonyl	H
ethylamino	ethyl	H	3-methoxycarbonyl	H
ethylamino	ethyl	H	4-methoxycarbonyl	H
ethylamino	ethyl	H	2-amino	H
ethylamino	ethyl	H	3-amino	H
ethylamino	ethyl	H	4-amino	H
ethylamino	ethyl	H	2-methylamino	H
ethylamino	ethyl	H	3-methylamino	H
ethylamino	ethyl	H	4-methylamino	H
ethylamino	ethyl	H	2-dimethylamino	H
ethylamino	ethyl	H	3-dimethylamino	H
ethylamino	ethyl	H	4-dimethylamino	H
ethylamino	ethyl	H	2-trifluoromethyl	H
ethylamino	ethyl	H	3-trifluoromethyl	H
ethylamino	ethyl	H	4-trifluoromethyl	H
ethylamino	ethyl	H	2-fluoromethyl	H
ethylamino	ethyl	H	3-fluoromethyl	H
ethylamino	ethyl	H	4-fluoromethyl	H
ethylamino	ethyl	H	2-hydroxy	H
ethylamino	ethyl	H	3-hydroxy	H
ethylamino	ethyl	H	4-hydroxy	H
ethylamino	ethyl	H	4-(4-fluorobenzoyl)	H
ethylamino	ethyl	H	3-(4-fluorobenzoyl)	H
ethylamino	ethyl	H	2-(4-fluorobenzoyl)	H
ethylamino	ethyl	H	4-(4-methylbenzoyl)	H
ethylamino	ethyl	H	3-(4-methylbenzoyl)	H
ethylamino	ethyl	H	2-(4-methylbenzoyl)	H
ethylamino	ethyl	H	4-chloroacetyl	H
ethylamino	ethyl	H	3-chloroacetyl	H
ethylamino	ethyl	H	2-chloroacetyl	H
ethylamino	ethyl	H	4-ethoxycarbonyl	H
ethylamino	ethyl	H	3-ethoxycarbonyl	H
ethylamino	ethyl	H	2-ethoxycarbonyl	H
ethylamino	ethyl	H	4-carboxy	H
ethylamino	ethyl	H	3-carboxy	H
ethylamino	ethyl	H	2-carboxy	H
ethylamino	ethyl	H	4-chloromethoxy	H
ethylamino	ethyl	H	3-chloromethoxy	H
ethylamino	ethyl	H	2-chloromethoxy	H

続<

【表57】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	H	2-chloro	H
ethylamino	propyl	H	3-chloro	H
ethylamino	propyl	H	4-chloro	H
ethylamino	propyl	H	2-fluoro	H
ethylamino	propyl	H	3-fluoro	H
ethylamino	propyl	H	4-fluoro	H
ethylamino	propyl	H	2-bromo	H
ethylamino	propyl	H	3-bromo	H
ethylamino	propyl	H	4-bromo	H
ethylamino	propyl	H	2-nitro	H
ethylamino	propyl	H	3-nitro	H
ethylamino	propyl	H	4-nitro	H
ethylamino	propyl	H	2-methoxy	H
ethylamino	propyl	H	3-methoxy	H
ethylamino	propyl	H	4-methoxy	H
ethylamino	propyl	H	2-chloro	4-chloro
ethylamino	propyl	H	3-chloro	4-chloro
ethylamino	propyl	H	2-fluoro	4-fluoro
ethylamino	propyl	H	3-fluoro	4-fluoro
ethylamino	propyl	H	2-bromo	4-bromo
ethylamino	propyl	H	3-bromo	4-bromo
ethylamino	propyl	H	2-methoxy	4-methoxy
ethylamino	propyl	H	3-methoxy	4-methoxy
ethylamino	propyl	H	2-acetyl	H
ethylamino	propyl	H	3-acetyl	H
ethylamino	propyl	H	4-acetyl	H
ethylamino	propyl	H	2-benzoyl	H
ethylamino	propyl	H	3-benzoyl	H
ethylamino	propyl	H	4-benzoyl	H
ethylamino	propyl	H	2-cyano	H
ethylamino	propyl	H	3-cyano	H
ethylamino	propyl	H	4-cyano	H
ethylamino	propyl	H	2-carbamoyl	H
ethylamino	propyl	H	3-carbamoyl	H
ethylamino	propyl	H	4-carbamoyl	H
ethylamino	propyl	H	2-dimethylcarbamoyl	H
ethylamino	propyl	H	3-dimethylcarbamoyl	H
ethylamino	propyl	H	4-dimethylcarbamoyl	H
ethylamino	propyl	H	2-methylcarbamoyl	H
ethylamino	propyl	H	3-methylcarbamoyl	H

続く

【表58】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	H	4-methylcarbonyl	H
ethylamino	propyl	H	2-methoxycarbonyl	H
ethylamino	propyl	H	3-methoxycarbonyl	H
ethylamino	propyl	H	4-methoxycarbonyl	H
ethylamino	propyl	H	2-amino	H
ethylamino	propyl	H	3-amino	H
ethylamino	propyl	H	4-amino	H
ethylamino	propyl	H	2-methylamino	H
ethylamino	propyl	H	3-methylamino	H
ethylamino	propyl	H	4-methylamino	H
ethylamino	propyl	H	2-dimethylamino	H
ethylamino	propyl	H	3-dimethylamino	H
ethylamino	propyl	H	4-dimethylamino	H
ethylamino	propyl	H	2-trifluoromethyl	H
ethylamino	propyl	H	3-trifluoromethyl	H
ethylamino	propyl	H	4-trifluoromethyl	H
ethylamino	propyl	H	2-fluoromethyl	H
ethylamino	propyl	H	3-fluoromethyl	H
ethylamino	propyl	H	4-fluoromethyl	H
ethylamino	propyl	H	2-hydroxy	H
ethylamino	propyl	H	3-hydroxy	H
ethylamino	propyl	H	4-hydroxy	H
ethylamino	propyl	H	4-(4-fluorobenzoyl)	H
ethylamino	propyl	H	3-(4-fluorobenzoyl)	H
ethylamino	propyl	H	2-(4-fluorobenzoyl)	H
ethylamino	propyl	H	4-(4-methylbenzoyl)	H
ethylamino	propyl	H	3-(4-methylbenzoyl)	H
ethylamino	propyl	H	2-(4-methylbenzoyl)	H
ethylamino	propyl	H	4-chloroacetyl	H
ethylamino	propyl	H	3-chloroacetyl	H
ethylamino	propyl	H	2-chloroacetyl	H
ethylamino	propyl	H	4-ethoxycarbonyl	H
ethylamino	propyl	H	3-ethoxycarbonyl	H
ethylamino	propyl	H	2-ethoxycarbonyl	H
ethylamino	propyl	H	4-carboxy	H
ethylamino	propyl	H	3-carboxy	H
ethylamino	propyl	H	2-carboxy	H
ethylamino	propyl	H	4-chloromethoxy	H
ethylamino	propyl	H	3-chloromethoxy	H
ethylamino	propyl	H	2-chloromethoxy	H

続く

【表59】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	H	2-chloro	H
ethylamino	butyl	H	3-chloro	H
ethylamino	butyl	H	4-chloro	H
ethylamino	butyl	H	2-fluoro	H
ethylamino	butyl	H	3-fluoro	H
ethylamino	butyl	H	4-fluoro	H
ethylamino	butyl	H	2-bromo	H
ethylamino	butyl	H	3-bromo	H
ethylamino	butyl	H	4-bromo	H
ethylamino	butyl	H	2-nitro	H
ethylamino	butyl	H	3-nitro	H
ethylamino	butyl	H	4-nitro	H
ethylamino	butyl	H	2-methoxy	H
ethylamino	butyl	H	3-methoxy	H
ethylamino	butyl	H	4-methoxy	H
ethylamino	butyl	H	2-chloro	4-chloro
ethylamino	butyl	H	3-chloro	4-chloro
ethylamino	butyl	H	2-fluoro	4-fluoro
ethylamino	butyl	H	3-fluoro	4-fluoro
ethylamino	butyl	H	2-bromo	4-bromo
ethylamino	butyl	H	3-bromo	4-bromo
ethylamino	butyl	H	2-methoxy	4-methoxy
ethylamino	butyl	H	3-methoxy	4-methoxy
ethylamino	butyl	H	2-acetyl	H
ethylamino	butyl	H	3-acetyl	H
ethylamino	butyl	H	4-acetyl	H
ethylamino	butyl	H	2-benzoyl	H
ethylamino	butyl	H	3-benzoyl	H
ethylamino	butyl	H	4-benzoyl	H
ethylamino	butyl	H	2-cyano	H
ethylamino	butyl	H	3-cyano	H
ethylamino	butyl	H	4-cyano	H
ethylamino	butyl	H	2-carbamoyl	H
ethylamino	butyl	H	3-carbamoyl	H
ethylamino	butyl	H	4-carbamoyl	H
ethylamino	butyl	H	2-dimethylcarbamoyl	H
ethylamino	butyl	H	3-dimethylcarbamoyl	H
ethylamino	butyl	H	4-dimethylcarbamoyl	H
ethylamino	butyl	H	2-methylcarbamoyl	H
ethylamino	butyl	H	3-methylcarbamoyl	H

続<

【表60】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	H	4-methylcarbonyl	H
ethylamino	butyl	H	2-methoxycarbonyl	H
ethylamino	butyl	H	3-methoxycarbonyl	H
ethylamino	butyl	H	4-methoxycarbonyl	H
ethylamino	butyl	H	2-amino	H
ethylamino	butyl	H	3-amino	H
ethylamino	butyl	H	4-amino	H
ethylamino	butyl	H	2-methylamino	H
ethylamino	butyl	H	3-methylamino	H
ethylamino	butyl	H	4-methylamino	H
ethylamino	butyl	H	2-dimethylamino	H
ethylamino	butyl	H	3-dimethylamino	H
ethylamino	butyl	H	4-dimethylamino	H
ethylamino	butyl	H	2-trifluoromethyl	H
ethylamino	butyl	H	3-trifluoromethyl	H
ethylamino	butyl	H	4-trifluoromethyl	H
ethylamino	butyl	H	2-fluoromethyl	H
ethylamino	butyl	H	3-fluoromethyl	H
ethylamino	butyl	H	4-fluoromethyl	H
ethylamino	butyl	H	2-hydroxy	H
ethylamino	butyl	H	3-hydroxy	H
ethylamino	butyl	H	4-hydroxy	H
ethylamino	butyl	H	4-(4-fluorobenzoyl)	H
ethylamino	butyl	H	3-(4-fluorobenzoyl)	H
ethylamino	butyl	H	2-(4-fluorobenzoyl)	H
ethylamino	butyl	H	4-(4-methylbenzoyl)	H
ethylamino	butyl	H	3-(4-methylbenzoyl)	H
ethylamino	butyl	H	2-(4-methylbenzoyl)	H
ethylamino	butyl	H	4-chloroacetyl	H
ethylamino	butyl	H	3-chloroacetyl	H
ethylamino	butyl	H	2-chloroacetyl	H
ethylamino	butyl	H	4-ethoxycarbonyl	H
ethylamino	butyl	H	3-ethoxycarbonyl	H
ethylamino	butyl	H	2-ethoxycarbonyl	H
ethylamino	butyl	H	4-carboxy	H
ethylamino	butyl	H	3-carboxy	H
ethylamino	butyl	H	2-carboxy	H
ethylamino	butyl	H	4-chloromethoxy	H
ethylamino	butyl	H	3-chloromethoxy	H
ethylamino	butyl	H	2-chloromethoxy	H

続く

【0064】

【表 61】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	H	2-chloro	H
ethylamino	benzyl	H	3-chloro	H
ethylamino	benzyl	H	4-chloro	H
ethylamino	benzyl	H	2-fluoro	H
ethylamino	benzyl	H	3-fluoro	H
ethylamino	benzyl	H	4-fluoro	H
ethylamino	benzyl	H	2-bromo	H
ethylamino	benzyl	H	3-bromo	H
ethylamino	benzyl	H	4-bromo	H
ethylamino	benzyl	H	2-nitro	H
ethylamino	benzyl	H	3-nitro	H
ethylamino	benzyl	H	4-nitro	H
ethylamino	benzyl	H	2-methoxy	H
ethylamino	benzyl	H	3-methoxy	H
ethylamino	benzyl	H	4-methoxy	H
ethylamino	benzyl	H	2-chloro	4-chloro
ethylamino	benzyl	H	3-chloro	4-chloro
ethylamino	benzyl	H	2-fluoro	4-fluoro
ethylamino	benzyl	H	3-fluoro	4-fluoro
ethylamino	benzyl	H	2-bromo	4-bromo
ethylamino	benzyl	H	3-bromo	4-bromo
ethylamino	benzyl	H	2-methoxy	4-methoxy
ethylamino	benzyl	H	3-methoxy	4-methoxy
ethylamino	benzyl	H	2-acetyl	H
ethylamino	benzyl	H	3-acetyl	H
ethylamino	benzyl	H	4-acetyl	H
ethylamino	benzyl	H	2-benzoyl	H
ethylamino	benzyl	H	3-benzoyl	H
ethylamino	benzyl	H	4-benzoyl	H
ethylamino	benzyl	H	2-cyano	H
ethylamino	benzyl	H	3-cyano	H
ethylamino	benzyl	H	4-cyano	H
ethylamino	benzyl	H	2-carbamoyl	H
ethylamino	benzyl	H	3-carbamoyl	H
ethylamino	benzyl	H	4-carbamoyl	H
ethylamino	benzyl	H	2-dimethylcarbamoyl	H
ethylamino	benzyl	H	3-dimethylcarbamoyl	H
ethylamino	benzyl	H	4-dimethylcarbamoyl	H
ethylamino	benzyl	H	2-methylcarbamoyl	H
ethylamino	benzyl	H	3-methylcarbamoyl	H

続く

[表62]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	H	4-methylcarbamoyl	H
ethylamino	benzyl	H	2-methoxycarbonyl	H
ethylamino	benzyl	H	3-methoxycarbonyl	H
ethylamino	benzyl	H	4-methoxycarbonyl	H
ethylamino	benzyl	H	2-amino	H
ethylamino	benzyl	H	3-amino	H
ethylamino	benzyl	H	4-amino	H
ethylamino	benzyl	H	2-methylamino	H
ethylamino	benzyl	H	3-methylamino	H
ethylamino	benzyl	H	4-methylamino	H
ethylamino	benzyl	H	2-dimethylamino	H
ethylamino	benzyl	H	3-dimethylamino	H
ethylamino	benzyl	H	4-dimethylamino	H
ethylamino	benzyl	H	2-trifluoromethyl	H
ethylamino	benzyl	H	3-trifluoromethyl	H
ethylamino	benzyl	H	4-trifluoromethyl	H
ethylamino	benzyl	H	2-fluoromethyl	H
ethylamino	benzyl	H	3-fluoromethyl	H
ethylamino	benzyl	H	4-fluoromethyl	H
ethylamino	benzyl	H	2-hydroxy	H
ethylamino	benzyl	H	3-hydroxy	H
ethylamino	benzyl	H	4-hydroxy	H
ethylamino	benzyl	H	4-(4-fluorobenzoyl)	H
ethylamino	benzyl	H	3-(4-fluorobenzoyl)	H
ethylamino	benzyl	H	2-(4-fluorobenzoyl)	H
ethylamino	benzyl	H	4-(4-methylbenzoyl)	H
ethylamino	benzyl	H	3-(4-methylbenzoyl)	H
ethylamino	benzyl	H	2-(4-methylbenzoyl)	H
ethylamino	benzyl	H	4-chloroacetyl	H
ethylamino	benzyl	H	3-chloroacetyl	H
ethylamino	benzyl	H	2-chloroacetyl	H
ethylamino	benzyl	H	4-ethoxycarbonyl	H
ethylamino	benzyl	H	3-ethoxycarbonyl	H
ethylamino	benzyl	H	2-ethoxycarbonyl	H
ethylamino	benzyl	H	4-carboxy	H
ethylamino	benzyl	H	3-carboxy	H
ethylamino	benzyl	H	2-carboxy	H
ethylamino	benzyl	H	4-chloromethoxy	H
ethylamino	benzyl	H	3-chloromethoxy	H
ethylamino	benzyl	H	2-chloromethoxy	H

続く

【表63】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	H	3-chloro	H
ethylamino	cyclohexylmethyl	H	3-chloro	H
ethylamino	cyclohexylmethyl	H	4-chloro	H
ethylamino	cyclohexylmethyl	H	2-fluoro	H
ethylamino	cyclohexylmethyl	H	3-fluoro	H
ethylamino	cyclohexylmethyl	H	4-fluoro	H
ethylamino	cyclohexylmethyl	H	2-bromo	H
ethylamino	cyclohexylmethyl	H	3-bromo	H
ethylamino	cyclohexylmethyl	H	4-bromo	H
ethylamino	cyclohexylmethyl	H	2-nitro	H
ethylamino	cyclohexylmethyl	H	3-nitro	H
ethylamino	cyclohexylmethyl	H	4-nitro	H
ethylamino	cyclohexylmethyl	H	2-methoxy	H
ethylamino	cyclohexylmethyl	H	3-methoxy	H
ethylamino	cyclohexylmethyl	H	4-methoxy	H
ethylamino	cyclohexylmethyl	H	2-chloro	4-chloro
ethylamino	cyclohexylmethyl	H	3-chloro	4-chloro
ethylamino	cyclohexylmethyl	H	2-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	H	3-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	H	2-bromo	4-bromo
ethylamino	cyclohexylmethyl	H	3-bromo	4-bromo
ethylamino	cyclohexylmethyl	H	2-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	H	3-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	H	2-acetyl	H
ethylamino	cyclohexylmethyl	H	3-acetyl	H
ethylamino	cyclohexylmethyl	H	4-acetyl	H
ethylamino	cyclohexylmethyl	H	2-benzoyl	H
ethylamino	cyclohexylmethyl	H	3-benzoyl	H
ethylamino	cyclohexylmethyl	H	4-benzoyl	H
ethylamino	cyclohexylmethyl	H	2-cyano	H
ethylamino	cyclohexylmethyl	H	3-cyano	H
ethylamino	cyclohexylmethyl	H	4-cyano	H
ethylamino	cyclohexylmethyl	H	2-carbamoyl	H
ethylamino	cyclohexylmethyl	H	3-carbamoyl	H
ethylamino	cyclohexylmethyl	H	4-carbamoyl	H
ethylamino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	H	2-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

【表64】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	H	4-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	H	2-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	3-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	4-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	2-amino	H
ethylamino	cyclohexylmethyl	H	3-amino	H
ethylamino	cyclohexylmethyl	H	4-amino	H
ethylamino	cyclohexylmethyl	H	2-methylamino	H
ethylamino	cyclohexylmethyl	H	3-methylamino	H
ethylamino	cyclohexylmethyl	H	4-methylamino	H
ethylamino	cyclohexylmethyl	H	2-dimethylamino	H
ethylamino	cyclohexylmethyl	H	3-dimethylamino	H
ethylamino	cyclohexylmethyl	H	4-dimethylamino	H
ethylamino	cyclohexylmethyl	H	2-trifluoromethyl	H
ethylamino	cyclohexylmethyl	H	3-trifluoromethyl	H
ethylamino	cyclohexylmethyl	H	4-trifluoromethyl	H
ethylamino	cyclohexylmethyl	H	2-fluoromethyl	H
ethylamino	cyclohexylmethyl	H	3-fluoromethyl	H
ethylamino	cyclohexylmethyl	H	4-fluoromethyl	H
ethylamino	cyclohexylmethyl	H	2-hydroxy	H
ethylamino	cyclohexylmethyl	H	3-hydroxy	H
ethylamino	cyclohexylmethyl	H	4-hydroxy	H
ethylamino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	H	4-chloroacetyl	H
ethylamino	cyclohexylmethyl	H	3-chloroacetyl	H
ethylamino	cyclohexylmethyl	H	2-chloroacetyl	H
ethylamino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	H	4-carboxy	H
ethylamino	cyclohexylmethyl	H	3-carboxy	H
ethylamino	cyclohexylmethyl	H	2-carboxy	H
ethylamino	cyclohexylmethyl	H	4-chloromethoxy	H
ethylamino	cyclohexylmethyl	H	3-chloromethoxy	H
ethylamino	cyclohexylmethyl	H	2-chloromethoxy	H

続く

【表65】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	H	H	H	H
propylamino	methyl	H	H	H
propylamino	ethyl	H	H	H
propylamino	propyl	H	H	H
propylamino	methylethyl	H	H	H
propylamino	butyl	H	H	H
propylamino	1-methylpropyl	H	H	H
propylamino	2-methylpropyl	H	H	H
propylamino	dimethylethyl	H	H	H
propylamino	pentyl	H	H	H
propylamino	1-methylbutyl	H	H	H
propylamino	2-methylbutyl	H	H	H
propylamino	1,1-dimethylpropyl	H	H	H
propylamino	1,2-dimethylpropyl	H	H	H
propylamino	2,2-dimethylpropyl	H	H	H
propylamino	hexyl	H	H	H
propylamino	1-methylpentyl	H	H	H
propylamino	2-methylpentyl	H	H	H
propylamino	3-methylpentyl	H	H	H
propylamino	4-methylpentyl	H	H	H
propylamino	1,1-dimethylbutyl	H	H	H
propylamino	1,2-dimethylbutyl	H	H	H
propylamino	1,3-dimethylbutyl	H	H	H
propylamino	2,2-dimethylbutyl	H	H	H
propylamino	2,3-dimethylbutyl	H	H	H
propylamino	3,3-dimethylbutyl	H	H	H
propylamino	1-ethylbutyl	H	H	H
propylamino	2-ethylbutyl	H	H	H
propylamino	1,1,2-trimethylpropyl	H	H	H
propylamino	heptyl	H	H	H
propylamino	cyclopropyl	H	H	H
propylamino	cyclopentyl	H	H	H
propylamino	cyclohexyl	H	H	H
propylamino	cycloheptyl	H	H	H
propylamino	cyclopropylmethyl	H	H	H
propylamino	cyclopentylmethyl	H	H	H
propylamino	cyclohexylmethyl	H	H	H
propylamino	cycloheptylmethyl	H	H	H
propylamino	2-methoxyethyl	H	H	H
propylamino	3-methoxypropyl	H	H	H

続く

【表66】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	4-methoxybutyl	H	H	H
propylamino	5-methoxypentyl	H	H	H
propylamino	5-ethoxypentyl	H	H	H
propylamino	2-ethoxyethyl	H	H	H
propylamino	3-ethoxypropyl	H	H	H
propylamino	4-ethoxybutyl	H	H	H
propylamino	2-carboxyethyl	H	H	H
propylamino	3-carboxypropyl	H	H	H
propylamino	4-carboxybutyl	H	H	H
propylamino	5-carboxypentyl	H	H	H
propylamino	2-hydroxyethyl	H	H	H
propylamino	3-hydroxypropyl	H	H	H
propylamino	4-hydroxybutyl	H	H	H
propylamino	5-hydroxypentyl	H	H	H
propylamino	2-methoxycarbonylethyl	H	H	H
propylamino	3-methoxycarbonylpropyl	H	H	H
propylamino	4-methoxycarbonylbutyl	H	H	H
propylamino	5-methoxycarbonylpentyl	H	H	H
propylamino	2-aminoethyl	H	H	H
propylamino	3-aminopropyl	H	H	H
propylamino	4-aminobutyl	H	H	H
propylamino	5-aminopentyl	H	H	H
propylamino	6-aminoethyl	H	H	H
propylamino	2-chloroethyl	H	H	H
propylamino	3-chloropropyl	H	H	H
propylamino	4-chlorobutyl	H	H	H
propylamino	5-chloropentyl	H	H	H
propylamino	6-chlorohexyl	H	H	H
propylamino	2-fluoroethyl	H	H	H
propylamino	3-fluoropropyl	H	H	H
propylamino	4-fluorobutyl	H	H	H
propylamino	5-fluoropentyl	H	H	H
propylamino	6-fluorohexyl	H	H	H
propylamino	2-carbamoylethyl	H	H	H
propylamino	3-carbamoylpropyl	H	H	H
propylamino	4-carbamoylbutyl	H	H	H
propylamino	5-carbamoylpentyl	H	H	H
propylamino	6-carbamoylhexyl	H	H	H
propylamino	3-methylcarbamoylpropyl	H	H	H
propylamino	4-methylcarbamoylbutyl	H	H	H
propylamino	5-methylcarbamoylpentyl	H	H	H

続く

【表67】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	H	H	H
propylamino	2-phenylethyl	H	H	H
propylamino	4-fluorobenzyl	H	H	H
propylamino	3-fluorobenzyl	H	H	H
propylamino	4-chlorobenzyl	H	H	H
propylamino	3-chlorobenzyl	H	H	H
propylamino	4-methoxybenzyl	H	H	H
propylamino	3-methoxybenzyl	H	H	H
propylamino	4-hydroxybenzyl	H	H	H
propylamino	3-hydroxybenzyl	H	H	H
propylamino	4-methylbenzyl	H	H	H
propylamino	3-methylbenzyl	H	H	H
propylamino	4-aminobenzyl	H	H	H
propylamino	3-aminobenzyl	H	H	H
propylamino	4-dimethylaminobenzyl	H	H	H
propylamino	3-dimethylaminobenzyl	H	H	H
propylamino	4-carbamoylbenzyl	H	H	H
propylamino	3-carbamoylbenzyl	H	H	H
propylamino	4-methylcarbamoylbenzyl	H	H	H
propylamino	3-methylcarbamoylbenzyl	H	H	H
propylamino	4-cyanobenzyl	H	H	H
propylamino	4-phenoxybenzyl	H	H	H
propylamino	phenyl	H	H	H
propylamino	4-fluorophenyl	H	H	H
propylamino	3-fluorophenyl	H	H	H
propylamino	4-chlorophenyl	H	H	H
propylamino	3-methoxyphenyl	H	H	H
propylamino	3-hydroxyphenyl	H	H	H
propylamino	4-methylphenyl	H	H	H
propylamino	3-methylphenyl	H	H	H
propylamino	4-aminophenyl	H	H	H
propylamino	3-aminophenyl	H	H	H
propylamino	3-dimethylaminophenyl	H	H	H
propylamino	4-dimethylaminophenyl	H	H	H
propylamino	3-carbamoylphenyl	H	H	H
propylamino	4-carbamoylphenyl	H	H	H
propylamino	3-cyanophenyl	H	H	H
propylamino	4-cyanophenyl	H	H	H
propylamino	3-phenoxyphenyl	H	H	H
propylamino	4-phenoxyphenyl	H	H	H

続く

【表68】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	H	2-chloro	H
propylamino	methyl	H	3-chloro	H
propylamino	methyl	H	4-chloro	H
propylamino	methyl	H	2-fluoro	H
propylamino	methyl	H	3-fluoro	H
propylamino	methyl	H	4-fluoro	H
propylamino	methyl	H	2-bromo	H
propylamino	methyl	H	3-bromo	H
propylamino	methyl	H	4-bromo	H
propylamino	methyl	H	2-nitro	H
propylamino	methyl	H	3-nitro	H
propylamino	methyl	H	4-nitro	H
propylamino	methyl	H	2-methoxy	H
propylamino	methyl	H	3-methoxy	H
propylamino	methyl	H	4-methoxy	H
propylamino	methyl	H	2-chloro	4-chloro
propylamino	methyl	H	3-chloro	4-chloro
propylamino	methyl	H	2-fluoro	4-fluoro
propylamino	methyl	H	3-fluoro	4-fluoro
propylamino	methyl	H	2-bromo	4-bromo
propylamino	methyl	H	3-bromo	4-bromo
propylamino	methyl	H	2-methoxy	4-methoxy
propylamino	methyl	H	3-methoxy	4-methoxy
propylamino	methyl	H	2-acetyl	H
propylamino	methyl	H	3-acetyl	H
propylamino	methyl	H	4-acetyl	H
propylamino	methyl	H	2-benzoyl	H
propylamino	methyl	H	3-benzoyl	H
propylamino	methyl	H	4-benzoyl	H
propylamino	methyl	H	2-cyano	H
propylamino	methyl	H	3-cyano	H
propylamino	methyl	H	4-cyano	H
propylamino	methyl	H	2-carbamoyl	H
propylamino	methyl	H	3-carbamoyl	H
propylamino	methyl	H	4-carbamoyl	H
propylamino	methyl	H	2-dimethylcarbamoyl	H
propylamino	methyl	H	3-dimethylcarbamoyl	H
propylamino	methyl	H	4-dimethylcarbamoyl	H
propylamino	methyl	H	2-methylcarbamoyl	H
propylamino	methyl	H	3-methylcarbamoyl	H

続く

【表 69】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	H	4-methylcarbamoyl	H
propylamino	methyl	H	2-methoxycarbonyl	H
propylamino	methyl	H	3-methoxycarbonyl	H
propylamino	methyl	H	4-methoxycarbonyl	H
propylamino	methyl	H	2-amino	H
propylamino	methyl	H	3-amino	H
propylamino	methyl	H	4-amino	H
propylamino	methyl	H	2-methylamino	H
propylamino	methyl	H	3-methylamino	H
propylamino	methyl	H	4-methylamino	H
propylamino	methyl	H	2-dimethylamino	H
propylamino	methyl	H	3-dimethylamino	H
propylamino	methyl	H	4-dimethylamino	H
propylamino	methyl	H	2-trifluoromethyl	H
propylamino	methyl	H	3-trifluoromethyl	H
propylamino	methyl	H	4-trifluoromethyl	H
propylamino	methyl	H	2-fluoromethyl	H
propylamino	methyl	H	3-fluoromethyl	H
propylamino	methyl	H	4-fluoromethyl	H
propylamino	methyl	H	2-hydroxy	H
propylamino	methyl	H	3-hydroxy	H
propylamino	methyl	H	4-hydroxy	H
propylamino	methyl	H	4-(4-fluorobenzoyl)	H
propylamino	methyl	H	3-(4-fluorobenzoyl)	H
propylamino	methyl	H	2-(4-fluorobenzoyl)	H
propylamino	methyl	H	4-(4-methylbenzoyl)	H
propylamino	methyl	H	3-(4-methylbenzoyl)	H
propylamino	methyl	H	2-(4-methylbenzoyl)	H
propylamino	methyl	H	4-chloroacetyl	H
propylamino	methyl	H	3-chloroacetyl	H
propylamino	methyl	H	2-chloroacetyl	H
propylamino	methyl	H	4-ethoxycarbonyl	H
propylamino	methyl	H	3-ethoxycarbonyl	H
propylamino	methyl	H	2-ethoxycarbonyl	H
propylamino	methyl	H	4-carboxy	H
propylamino	methyl	H	3-carboxy	H
propylamino	methyl	H	2-carboxy	H
propylamino	methyl	H	4-chloromethoxy	H
propylamino	methyl	H	3-chloromethoxy	H
propylamino	methyl	H	2-chloromethoxy	H

続く

【表70】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	H	2-chloro	H
propylamino	ethyl	H	3-chloro	H
propylamino	ethyl	H	4-chloro	H
propylamino	ethyl	H	2-fluoro	H
propylamino	ethyl	H	3-fluoro	H
propylamino	ethyl	H	4-fluoro	H
propylamino	ethyl	H	2-bromo	H
propylamino	ethyl	H	3-bromo	H
propylamino	ethyl	H	4-bromo	H
propylamino	ethyl	H	2-nitro	H
propylamino	ethyl	H	3-nitro	H
propylamino	ethyl	H	4-nitro	H
propylamino	ethyl	H	2-methoxy	H
propylamino	ethyl	H	3-methoxy	H
propylamino	ethyl	H	4-methoxy	H
propylamino	ethyl	H	2-chloro	4-chloro
propylamino	ethyl	H	3-chloro	4-chloro
propylamino	ethyl	H	2-fluoro	4-fluoro
propylamino	ethyl	H	3-fluoro	4-fluoro
propylamino	ethyl	H	2-bromo	4-bromo
propylamino	ethyl	H	3-bromo	4-bromo
propylamino	ethyl	H	2-methoxy	4-methoxy
propylamino	ethyl	H	3-methoxy	4-methoxy
propylamino	ethyl	H	2-acetyl	H
propylamino	ethyl	H	3-acetyl	H
propylamino	ethyl	H	4-acetyl	H
propylamino	ethyl	H	2-benzoyl	H
propylamino	ethyl	H	3-benzoyl	H
propylamino	ethyl	H	4-benzoyl	H
propylamino	ethyl	H	2-cyano	H
propylamino	ethyl	H	3-cyano	H
propylamino	ethyl	H	4-cyano	H
propylamino	ethyl	H	2-carbamoyl	H
propylamino	ethyl	H	3-carbamoyl	H
propylamino	ethyl	H	4-carbamoyl	H
propylamino	ethyl	H	2-dimethylcarbamoyl	H
propylamino	ethyl	H	3-dimethylcarbamoyl	H
propylamino	ethyl	H	4-dimethylcarbamoyl	H
propylamino	ethyl	H	2-methylcarbamoyl	H
propylamino	ethyl	H	3-methylcarbamoyl	H

続く

【表 71】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	H	4-methylcarbamoyl	H
propylamino	ethyl	H	2-methoxycarbonyl	H
propylamino	ethyl	H	3-methoxycarbonyl	H
propylamino	ethyl	H	4-methoxycarbonyl	H
propylamino	ethyl	H	2-amino	H
propylamino	ethyl	H	3-amino	H
propylamino	ethyl	H	4-amino	H
propylamino	ethyl	H	2-methylamino	H
propylamino	ethyl	H	3-methylamino	H
propylamino	ethyl	H	4-methylamino	H
propylamino	ethyl	H	2-dimethylamino	H
propylamino	ethyl	H	3-dimethylamino	H
propylamino	ethyl	H	4-dimethylamino	H
propylamino	ethyl	H	2-trifluoromethyl	H
propylamino	ethyl	H	3-trifluoromethyl	H
propylamino	ethyl	H	4-trifluoromethyl	H
propylamino	ethyl	H	2-fluoromethyl	H
propylamino	ethyl	H	3-fluoromethyl	H
propylamino	ethyl	H	4-fluoromethyl	H
propylamino	ethyl	H	2-hydroxy	H
propylamino	ethyl	H	3-hydroxy	H
propylamino	ethyl	H	4-hydroxy	H
propylamino	ethyl	H	4-(4-fluorobenzoyl)	H
propylamino	ethyl	H	3-(4-fluorobenzoyl)	H
propylamino	ethyl	H	2-(4-fluorobenzoyl)	H
propylamino	ethyl	H	4-(4-methylbenzoyl)	H
propylamino	ethyl	H	3-(4-methylbenzoyl)	H
propylamino	ethyl	H	2-(4-methylbenzoyl)	H
propylamino	ethyl	H	4-chloroacetyl	H
propylamino	ethyl	H	3-chloroacetyl	H
propylamino	ethyl	H	2-chloroacetyl	H
propylamino	ethyl	H	4-ethoxycarbonyl	H
propylamino	ethyl	H	3-ethoxycarbonyl	H
propylamino	ethyl	H	2-ethoxycarbonyl	H
propylamino	ethyl	H	4-carboxy	H
propylamino	ethyl	H	3-carboxy	H
propylamino	ethyl	H	2-carboxy	H
propylamino	ethyl	H	4-chloromethoxy	H
propylamino	ethyl	H	3-chloromethoxy	H
propylamino	ethyl	H	2-chloromethoxy	H

続<

【表72】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	H	2-chloro	H
propylamino	propyl	H	3-chloro	H
propylamino	propyl	H	4-chloro	H
propylamino	propyl	H	2-fluoro	H
propylamino	propyl	H	3-fluoro	H
propylamino	propyl	H	4-fluoro	H
propylamino	propyl	H	2-bromo	H
propylamino	propyl	H	3-bromo	H
propylamino	propyl	H	4-bromo	H
propylamino	propyl	H	2-nitro	H
propylamino	propyl	H	3-nitro	H
propylamino	propyl	H	4-nitro	H
propylamino	propyl	H	2-methoxy	H
propylamino	propyl	H	3-methoxy	H
propylamino	propyl	H	4-methoxy	H
propylamino	propyl	H	2-chloro	4-chloro
propylamino	propyl	H	3-chloro	4-chloro
propylamino	propyl	H	2-fluoro	4-fluoro
propylamino	propyl	H	3-fluoro	4-fluoro
propylamino	propyl	H	2-bromo	4-bromo
propylamino	propyl	H	3-bromo	4-bromo
propylamino	propyl	H	2-methoxy	4-methoxy
propylamino	propyl	H	3-methoxy	4-methoxy
propylamino	propyl	H	2-acetyl	H
propylamino	propyl	H	3-acetyl	H
propylamino	propyl	H	4-acetyl	H
propylamino	propyl	H	2-benzoyl	H
propylamino	propyl	H	3-benzoyl	H
propylamino	propyl	H	4-benzoyl	H
propylamino	propyl	H	2-cyano	H
propylamino	propyl	H	3-cyano	H
propylamino	propyl	H	4-cyano	H
propylamino	propyl	H	2-carbamoyl	H
propylamino	propyl	H	3-carbamoyl	H
propylamino	propyl	H	4-carbamoyl	H
propylamino	propyl	H	2-dimethylcarbamoyl	H
propylamino	propyl	H	3-dimethylcarbamoyl	H
propylamino	propyl	H	4-dimethylcarbamoyl	H
propylamino	propyl	H	2-methylcarbamoyl	H
propylamino	propyl	H	3-methylcarbamoyl	H

続く

【表73】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	H	4-methylcarbamoyl	H
propylamino	propyl	H	2-methoxycarbonyl	H
propylamino	propyl	H	3-methoxycarbonyl	H
propylamino	propyl	H	4-methoxycarbonyl	H
propylamino	propyl	H	2-amino	H
propylamino	propyl	H	3-amino	H
propylamino	propyl	H	4-amino	H
propylamino	propyl	H	2-methylamino	H
propylamino	propyl	H	3-methylamino	H
propylamino	propyl	H	4-methylamino	H
propylamino	propyl	H	2-dimethylamino	H
propylamino	propyl	H	3-dimethylamino	H
propylamino	propyl	H	4-dimethylamino	H
propylamino	propyl	H	2-trifluoromethyl	H
propylamino	propyl	H	3-trifluoromethyl	H
propylamino	propyl	H	4-trifluoromethyl	H
propylamino	propyl	H	2-fluoromethyl	H
propylamino	propyl	H	3-fluoromethyl	H
propylamino	propyl	H	4-fluoromethyl	H
propylamino	propyl	H	2-hydroxy	H
propylamino	propyl	H	3-hydroxy	H
propylamino	propyl	H	4-hydroxy	H
propylamino	propyl	H	4-(4-fluorobenzoyl)	H
propylamino	propyl	H	3-(4-fluorobenzoyl)	H
propylamino	propyl	H	2-(4-fluorobenzoyl)	H
propylamino	propyl	H	4-(4-methylbenzoyl)	H
propylamino	propyl	H	3-(4-methylbenzoyl)	H
propylamino	propyl	H	2-(4-methylbenzoyl)	H
propylamino	propyl	H	4-chloroacetyl	H
propylamino	propyl	H	3-chloroacetyl	H
propylamino	propyl	H	2-chloroacetyl	H
propylamino	propyl	H	4-ethoxycarbonyl	H
propylamino	propyl	H	3-ethoxycarbonyl	H
propylamino	propyl	H	2-ethoxycarbonyl	H
propylamino	propyl	H	4-carboxy	H
propylamino	propyl	H	3-carboxy	H
propylamino	propyl	H	2-carboxy	H
propylamino	propyl	H	4-chloromethoxy	H
propylamino	propyl	H	3-chloromethoxy	H
propylamino	propyl	H	2-chloromethoxy	H

続く

【表74】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	H	2-chloro	H
propylamino	butyl	H	3-chloro	H
propylamino	butyl	H	4-chloro	H
propylamino	butyl	H	2-fluoro	H
propylamino	butyl	H	3-fluoro	H
propylamino	butyl	H	4-fluoro	H
propylamino	butyl	H	2-bromo	H
propylamino	butyl	H	3-bromo	H
propylamino	butyl	H	4-bromo	H
propylamino	butyl	H	2-nitro	H
propylamino	butyl	H	3-nitro	H
propylamino	butyl	H	4-nitro	H
propylamino	butyl	H	2-methoxy	H
propylamino	butyl	H	3-methoxy	H
propylamino	butyl	H	4-methoxy	H
propylamino	butyl	H	2-chloro	4-chloro
propylamino	butyl	H	3-chloro	4-chloro
propylamino	butyl	H	2-fluoro	4-fluoro
propylamino	butyl	H	3-fluoro	4-fluoro
propylamino	butyl	H	2-bromo	4-bromo
propylamino	butyl	H	3-bromo	4-bromo
propylamino	butyl	H	2-methoxy	4-methoxy
propylamino	butyl	H	3-methoxy	4-methoxy
propylamino	butyl	H	2-acetyl	H
propylamino	butyl	H	3-acetyl	H
propylamino	butyl	H	4-acetyl	H
propylamino	butyl	H	2-benzoyl	H
propylamino	butyl	H	3-benzoyl	H
propylamino	butyl	H	4-benzoyl	H
propylamino	butyl	H	2-cyano	H
propylamino	butyl	H	3-cyano	H
propylamino	butyl	H	4-cyano	H
propylamino	butyl	H	2-carbamoyl	H
propylamino	butyl	H	3-carbamoyl	H
propylamino	butyl	H	4-carbamoyl	H
propylamino	butyl	H	2-dimethylcarbamoyl	H
propylamino	butyl	H	3-dimethylcarbamoyl	H
propylamino	butyl	H	4-dimethylcarbamoyl	H
propylamino	butyl	H	2-methylcarbamoyl	H
propylamino	butyl	H	3-methylcarbamoyl	H

続く

【表75】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	H	4-methylcarbonyl	H
propylamino	butyl	H	2-methoxycarbonyl	H
propylamino	butyl	H	3-methoxycarbonyl	H
propylamino	butyl	H	4-methoxycarbonyl	H
propylamino	butyl	H	2-amino	H
propylamino	butyl	H	3-amino	H
propylamino	butyl	H	4-amino	H
propylamino	butyl	H	2-methylamino	H
propylamino	butyl	H	3-methylamino	H
propylamino	butyl	H	4-methylamino	H
propylamino	butyl	H	2-dimethylamino	H
propylamino	butyl	H	3-dimethylamino	H
propylamino	butyl	H	4-dimethylamino	H
propylamino	butyl	H	2-trifluoromethyl	H
propylamino	butyl	H	3-trifluoromethyl	H
propylamino	butyl	H	4-trifluoromethyl	H
propylamino	butyl	H	2-fluoromethyl	H
propylamino	butyl	H	3-fluoromethyl	H
propylamino	butyl	H	4-fluoromethyl	H
propylamino	butyl	H	2-hydroxy	H
propylamino	butyl	H	3-hydroxy	H
propylamino	butyl	H	4-hydroxy	H
propylamino	butyl	H	4-(4-fluorobenzoyl)	H
propylamino	butyl	H	3-(4-fluorobenzoyl)	H
propylamino	butyl	H	2-(4-fluorobenzoyl)	H
propylamino	butyl	H	4-(4-methylbenzoyl)	H
propylamino	butyl	H	3-(4-methylbenzoyl)	H
propylamino	butyl	H	2-(4-methylbenzoyl)	H
propylamino	butyl	H	4-chloroacetyl	H
propylamino	butyl	H	3-chloroacetyl	H
propylamino	butyl	H	2-chloroacetyl	H
propylamino	butyl	H	4-ethoxycarbonyl	H
propylamino	butyl	H	3-ethoxycarbonyl	H
propylamino	butyl	H	2-ethoxycarbonyl	H
propylamino	butyl	H	4-carboxy	H
propylamino	butyl	H	3-carboxy	H
propylamino	butyl	H	2-carboxy	H
propylamino	butyl	H	4-chloromethoxy	H
propylamino	butyl	H	3-chloromethoxy	H
propylamino	butyl	H	2-chloromethoxy	H

続<

【表76】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	H	2-chloro	H
propylamino	benzyl	H	3-chloro	H
propylamino	benzyl	H	4-chloro	H
propylamino	benzyl	H	2-fluoro	H
propylamino	benzyl	H	3-fluoro	H
propylamino	benzyl	H	4-fluoro	H
propylamino	benzyl	H	2-bromo	H
propylamino	benzyl	H	3-bromo	H
propylamino	benzyl	H	4-bromo	H
propylamino	benzyl	H	2-nitro	H
propylamino	benzyl	H	3-nitro	H
propylamino	benzyl	H	4-nitro	H
propylamino	benzyl	H	2-methoxy	H
propylamino	benzyl	H	3-methoxy	H
propylamino	benzyl	H	4-methoxy	H
propylamino	benzyl	H	2-chloro	4-chloro
propylamino	benzyl	H	3-chloro	4-chloro
propylamino	benzyl	H	2-fluoro	4-fluoro
propylamino	benzyl	H	3-fluoro	4-fluoro
propylamino	benzyl	H	2-bromo	4-bromo
propylamino	benzyl	H	3-bromo	4-bromo
propylamino	benzyl	H	2-methoxy	4-methoxy
propylamino	benzyl	H	3-methoxy	4-methoxy
propylamino	benzyl	H	2-acetyl	H
propylamino	benzyl	H	3-acetyl	H
propylamino	benzyl	H	4-acetyl	H
propylamino	benzyl	H	2-benzoyl	H
propylamino	benzyl	H	3-benzoyl	H
propylamino	benzyl	H	4-benzoyl	H
propylamino	benzyl	H	2-cyano	H
propylamino	benzyl	H	3-cyano	H
propylamino	benzyl	H	4-cyano	H
propylamino	benzyl	H	2-carbamoyl	H
propylamino	benzyl	H	3-carbamoyl	H
propylamino	benzyl	H	4-carbamoyl	H
propylamino	benzyl	H	2-dimethylcarbamoyl	H
propylamino	benzyl	H	3-dimethylcarbamoyl	H
propylamino	benzyl	H	4-dimethylcarbamoyl	H
propylamino	benzyl	H	2-methylcarbamoyl	H
propylamino	benzyl	H	3-methylcarbamoyl	H

続く

[表 77]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	H	4-methylcarbamoyl	H
propylamino	benzyl	H	2-methoxycarbonyl	H
propylamino	benzyl	H	3-methoxycarbonyl	H
propylamino	benzyl	H	4-methoxycarbonyl	H
propylamino	benzyl	H	2-amino	H
propylamino	benzyl	H	3-amino	H
propylamino	benzyl	H	4-amino	H
propylamino	benzyl	H	2-methylamino	H
propylamino	benzyl	H	3-methylamino	H
propylamino	benzyl	H	4-methylamino	H
propylamino	benzyl	H	2-dimethylamino	H
propylamino	benzyl	H	3-dimethylamino	H
propylamino	benzyl	H	4-dimethylamino	H
propylamino	benzyl	H	2-trifluoromethyl	H
propylamino	benzyl	H	3-trifluoromethyl	H
propylamino	benzyl	H	4-trifluoromethyl	H
propylamino	benzyl	H	2-fluoromethyl	H
propylamino	benzyl	H	3-fluoromethyl	H
propylamino	benzyl	H	4-fluoromethyl	H
propylamino	benzyl	H	2-hydroxy	H
propylamino	benzyl	H	3-hydroxy	H
propylamino	benzyl	H	4-hydroxy	H
propylamino	benzyl	H	4-(4-fluorobenzoyl)	H
propylamino	benzyl	H	3-(4-fluorobenzoyl)	H
propylamino	benzyl	H	2-(4-fluorobenzoyl)	H
propylamino	benzyl	H	4-(4-methylbenzoyl)	H
propylamino	benzyl	H	3-(4-methylbenzoyl)	H
propylamino	benzyl	H	2-(4-methylbenzoyl)	H
propylamino	benzyl	H	4-chloroacetyl	H
propylamino	benzyl	H	3-chloroacetyl	H
propylamino	benzyl	H	2-chloroacetyl	H
propylamino	benzyl	H	4-ethoxycarbonyl	H
propylamino	benzyl	H	3-ethoxycarbonyl	H
propylamino	benzyl	H	2-ethoxycarbonyl	H
propylamino	benzyl	H	4-carboxy	H
propylamino	benzyl	H	3-carboxy	H
propylamino	benzyl	H	2-carboxy	H
propylamino	benzyl	H	4-chloromethoxy	H
propylamino	benzyl	H	3-chloromethoxy	H
propylamino	benzyl	H	2-chloromethoxy	H

続く

【表78】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	H	3-chloro	H
propylamino	cyclohexylmethyl	H	3-chloro	H
propylamino	cyclohexylmethyl	H	4-chloro	H
propylamino	cyclohexylmethyl	H	2-fluoro	H
propylamino	cyclohexylmethyl	H	3-fluoro	H
propylamino	cyclohexylmethyl	H	4-fluoro	H
propylamino	cyclohexylmethyl	H	2-bromo	H
propylamino	cyclohexylmethyl	H	3-bromo	H
propylamino	cyclohexylmethyl	H	4-bromo	H
propylamino	cyclohexylmethyl	H	2-nitro	H
propylamino	cyclohexylmethyl	H	3-nitro	H
propylamino	cyclohexylmethyl	H	4-nitro	H
propylamino	cyclohexylmethyl	H	2-methoxy	H
propylamino	cyclohexylmethyl	H	3-methoxy	H
propylamino	cyclohexylmethyl	H	4-methoxy	H
propylamino	cyclohexylmethyl	H	2-chloro	4-chloro
propylamino	cyclohexylmethyl	H	3-chloro	4-chloro
propylamino	cyclohexylmethyl	H	2-fluoro	4-fluoro
propylamino	cyclohexylmethyl	H	3-fluoro	4-fluoro
propylamino	cyclohexylmethyl	H	2-bromo	4-bromo
propylamino	cyclohexylmethyl	H	3-bromo	4-bromo
propylamino	cyclohexylmethyl	H	2-methoxy	4-methoxy
propylamino	cyclohexylmethyl	H	3-methoxy	4-methoxy
propylamino	cyclohexylmethyl	H	2-acetyl	H
propylamino	cyclohexylmethyl	H	3-acetyl	H
propylamino	cyclohexylmethyl	H	4-acetyl	H
propylamino	cyclohexylmethyl	H	2-benzoyl	H
propylamino	cyclohexylmethyl	H	3-benzoyl	H
propylamino	cyclohexylmethyl	H	4-benzoyl	H
propylamino	cyclohexylmethyl	H	2-cyano	H
propylamino	cyclohexylmethyl	H	3-cyano	H
propylamino	cyclohexylmethyl	H	4-cyano	H
propylamino	cyclohexylmethyl	H	2-carbamoyl	H
propylamino	cyclohexylmethyl	H	3-carbamoyl	H
propylamino	cyclohexylmethyl	H	4-carbamoyl	H
propylamino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	H	2-methylcarbamoyl	H
propylamino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

[表79]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	H	4-methylcarbonyl	H
propylamino	cyclohexylmethyl	H	2-methoxycarbonyl	H
propylamino	cyclohexylmethyl	H	3-methoxycarbonyl	H
propylamino	cyclohexylmethyl	H	4-methoxycarbonyl	H
propylamino	cyclohexylmethyl	H	2-amino	H
propylamino	cyclohexylmethyl	H	3-amino	H
propylamino	cyclohexylmethyl	H	4-amino	H
propylamino	cyclohexylmethyl	H	2-methylamino	H
propylamino	cyclohexylmethyl	H	3-methylamino	H
propylamino	cyclohexylmethyl	H	4-methylamino	H
propylamino	cyclohexylmethyl	H	2-dimethylamino	H
propylamino	cyclohexylmethyl	H	3-dimethylamino	H
propylamino	cyclohexylmethyl	H	4-dimethylamino	H
propylamino	cyclohexylmethyl	H	2-trifluoromethyl	H
propylamino	cyclohexylmethyl	H	3-trifluoromethyl	H
propylamino	cyclohexylmethyl	H	4-trifluoromethyl	H
propylamino	cyclohexylmethyl	H	2-fluoromethyl	H
propylamino	cyclohexylmethyl	H	3-fluoromethyl	H
propylamino	cyclohexylmethyl	H	4-fluoromethyl	H
propylamino	cyclohexylmethyl	H	2-hydroxy	H
propylamino	cyclohexylmethyl	H	3-hydroxy	H
propylamino	cyclohexylmethyl	H	4-hydroxy	H
propylamino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	H	4-chloroacetyl	H
propylamino	cyclohexylmethyl	H	3-chloroacetyl	H
propylamino	cyclohexylmethyl	H	2-chloroacetyl	H
propylamino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	H	4-carboxy	H
propylamino	cyclohexylmethyl	H	3-carboxy	H
propylamino	cyclohexylmethyl	H	2-carboxy	H
propylamino	cyclohexylmethyl	H	4-chloromethoxy	H
propylamino	cyclohexylmethyl	H	3-chloromethoxy	H
propylamino	cyclohexylmethyl	H	2-chloromethoxy	H

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【表 80】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	H	H	H	H
1-pyrrolidinyl	methyl	H	H	H
1-pyrrolidinylmethylamino	ethyl	H	H	H
1-piperazinyl	propyl	H	H	H
1-pyrrolidinyl	methylethyl	H	H	H
1-pyrrolidinylmethylamino	butyl	H	H	H
1-piperazinyl	1-methylpropyl	H	H	H
1-pyrrolidinyl	2-methylpropyl	H	H	H
1-pyrrolidinylmethylamino	dimethylethyl	H	H	H
1-piperazinyl	pentyl	H	H	H
1-pyrrolidinyl	1-methylbutyl	H	H	H
1-pyrrolidinylmethylamino	2-methylbutyl	H	H	H
1-piperazinyl	1,1-dimethylpropyl	H	H	H
1-pyrrolidinyl	1,2-dimethylpropyl	H	H	H
1-pyrrolidinylmethylamino	2,2-dimethylpropyl	H	H	H
1-piperazinyl	hexyl	H	H	H
1-pyrrolidinyl	1-methylpentyl	H	H	H
1-pyrrolidinylmethylamino	2-methylpentyl	H	H	H
1-piperazinyl	3-methylpentyl	H	H	H
1-pyrrolidinyl	4-methylpentyl	H	H	H
1-pyrrolidinylmethylamino	1,1-dimethylbutyl	H	H	H
1-piperazinyl	1,2-dimethylbutyl	H	H	H
1-pyrrolidinyl	1,3-dimethylbutyl	H	H	H
1-pyrrolidinylmethylamino	2,2-dimethylbutyl	H	H	H
1-piperazinyl	2,3-dimethylbutyl	H	H	H
1-pyrrolidinyl	3,3-dimethylbutyl	H	H	H
1-pyrrolidinylmethylamino	1-ethylbutyl	H	H	H
1-piperazinyl	2-ethylbutyl	H	H	H
1-pyrrolidinyl	1,1,2-trimethylpropyl	H	H	H
1-pyrrolidinylmethylamino	heptyl	H	H	H
1-piperazinyl	cyclopropyl	H	H	H
1-pyrrolidinyl	cyclopentyl	H	H	H
1-pyrrolidinylmethylamino	cyclohexyl	H	H	H
1-piperazinyl	cycloheptyl	H	H	H
1-pyrrolidinyl	cyclopropylmethyl	H	H	H
1-pyrrolidinylmethylamino	cyclopentylmethyl	H	H	H
1-piperazinyl	cyclohexylmethyl	H	H	H
1-pyrrolidinyl	cycloheptylmethyl	H	H	H
1-pyrrolidinylmethylamino	2-methoxyethyl	H	H	H
1-piperazinyl	3-methoxypropyl	H	H	H

続<

【0065】

【表 81】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinyl	4-methoxybutyl	H	H	H
1-pyrrolidinyl	5-methoxypentyl	H	H	H
1-pyrrolidinylmethylamino	5-ethoxypentyl	H	H	H
1-piperazinyl	2-ethoxyethyl	H	H	H
1-pyrrolidinyl	3-ethoxypropyl	H	H	H
1-pyrrolidinylmethylamino	4-ethoxybutyl	H	H	H
1-piperazinyl	2-carboxyethyl	H	H	H
1-pyrrolidinyl	3-carboxypropyl	H	H	H
1-pyrrolidinylmethylamino	4-carboxybutyl	H	H	H
1-piperazinyl	5-carboxypentyl	H	H	H
1-pyrrolidinyl	2-hydroxyethyl	H	H	H
1-pyrrolidinylmethylamino	3-hydroxypropyl	H	H	H
1-piperazinyl	4-hydroxybutyl	H	H	H
1-pyrrolidinyl	5-hydroxypentyl	H	H	H
1-pyrrolidinylmethylamino	2-methoxycarbonylethyl	H	H	H
1-piperazinyl	3-methoxycarbonylpropyl	H	H	H
1-pyrrolidinyl	4-methoxycarbonylbutyl	H	H	H
1-pyrrolidinylmethylamino	5-methoxycarbonylpentyl	H	H	H
1-piperazinyl	2-aminoethyl	H	H	H
1-pyrrolidinyl	3-aminopropyl	H	H	H
1-pyrrolidinylmethylamino	4-aminobutyl	H	H	H
1-piperazinyl	5-aminopentyl	H	H	H
1-pyrrolidinyl	6-aminohexyl	H	H	H
1-pyrrolidinylmethylamino	2-chloroethyl	H	H	H
1-piperazinyl	3-chloropropyl	H	H	H
1-pyrrolidinyl	4-chlorobutyl	H	H	H
1-pyrrolidinylmethylamino	5-chloropentyl	H	H	H
1-piperazinyl	6-chlorohexyl	H	H	H
1-pyrrolidinyl	2-fluoroethyl	H	H	H
1-pyrrolidinylmethylamino	3-fluoropropyl	H	H	H
1-piperazinyl	4-fluorobutyl	H	H	H
1-pyrrolidinyl	5-fluoropentyl	H	H	H
1-pyrrolidinylmethylamino	6-fluorohexyl	H	H	H
1-piperazinyl	2-carbamoylethyl	H	H	H
1-pyrrolidinyl	3-carbamoylpropyl	H	H	H
1-pyrrolidinylmethylamino	4-carbamoylbutyl	H	H	H
1-piperazinyl	5-carbamoylpentyl	H	H	H
1-pyrrolidinyl	6-carbamoylhexyl	H	H	H
1-pyrrolidinylmethylamino	3-methylcarbamoylpropyl	H	H	H
1-piperazinyl	4-methylcarbamoylbutyl	H	H	H
1-pyrrolidinyl	5-methylcarbamoylpentyl	H	H	H

続く

【表 82】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinylmethylamino	benzyl	H	H	H
1-piperazinyl	2-phenylethyl	H	H	H
1-pyrrolidinyl	4-fluorobenzyl	H	H	H
1-pyrrolidinylmethylamino	3-fluorobenzyl	H	H	H
1-piperazinyl	4-chlorobenzyl	H	H	H
1-pyrrolidinyl	3-chlorobenzyl	H	H	H
1-pyrrolidinylmethylamino	4-methoxybenzyl	H	H	H
1-piperazinyl	3-methoxybenzyl	H	H	H
1-pyrrolidinyl	4-hydroxybenzyl	H	H	H
1-pyrrolidinylmethylamino	3-hydroxybenzyl	H	H	H
1-piperazinyl	4-methylbenzyl	H	H	H
1-pyrrolidinyl	3-methylbenzyl	H	H	H
1-pyrrolidinylmethylamino	4-aminobenzyl	H	H	H
1-piperazinyl	3-aminobenzyl	H	H	H
1-pyrrolidinyl	4-dimethylaminobenzyl	H	H	H
1-pyrrolidinylmethylamino	3-dimethylaminobenzyl	H	H	H
1-piperazinyl	4-carbamoylbenzyl	H	H	H
1-pyrrolidinyl	3-carbamoylbenzyl	H	H	H
1-pyrrolidinylmethylamino	4-methylcarbamoylbenzyl	H	H	H
1-piperazinyl	3-methylcarbamoylbenzyl	H	H	H
1-pyrrolidinyl	4-cyanobenzyl	H	H	H
1-pyrrolidinylmethylamino	4-phenoxybenzyl	H	H	H
1-piperazinyl	phenyl	H	H	H
1-pyrrolidinyl	4-fluorophenyl	H	H	H
1-pyrrolidinylmethylamino	3-fluorophenyl	H	H	H
1-piperazinyl	4-chlorophenyl	H	H	H
1-pyrrolidinyl	3-methoxyphenyl	H	H	H
1-pyrrolidinylmethylamino	3-hydroxyphenyl	H	H	H
1-piperazinyl	4-methylphenyl	H	H	H
1-pyrrolidinyl	3-methylphenyl	H	H	H
1-pyrrolidinylmethylamino	4-aminophenyl	H	H	H
1-piperazinyl	3-aminophenyl	H	H	H
1-pyrrolidinyl	3-dimethylaminophenyl	H	H	H
1-pyrrolidinylmethylamino	4-dimethylaminophenyl	H	H	H
1-piperazinyl	3-carbamoylphenyl	H	H	H
1-pyrrolidinyl	4-carbamoylphenyl	H	H	H
1-pyrrolidinylmethylamino	3-cyanophenyl	H	H	H
1-piperazinyl	4-cyanophenyl	H	H	H
1-pyrrolidinyl	3-phenoxyphenyl	H	H	H
1-pyrrolidinylmethylamino	4-phenoxyphenyl	H	H	H

続く

【表 83】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	methyl	H	2-chloro	H
1-pyrrolidinyl	methyl	H	3-chloro	H
1-pyrrolidinylmethylamino	methyl	H	4-chloro	H
1-piperazinyl	methyl	H	2-fluoro	H
1-pyrrolidinyl	methyl	H	3-fluoro	H
1-pyrrolidinylmethylamino	methyl	H	4-fluoro	H
1-piperazinyl	methyl	H	2-bromo	H
1-pyrrolidinyl	methyl	H	3-bromo	H
1-pyrrolidinylmethylamino	methyl	H	4-bromo	H
1-piperazinyl	methyl	H	2-nitro	H
1-pyrrolidinyl	methyl	H	3-nitro	H
1-pyrrolidinylmethylamino	methyl	H	4-nitro	H
1-piperazinyl	methyl	H	2-methoxy	H
1-pyrrolidinyl	methyl	H	3-methoxy	H
1-pyrrolidinylmethylamino	methyl	H	4-methoxy	H
1-piperazinyl	methyl	H	2-chloro	4-chloro
1-pyrrolidinyl	methyl	H	3-chloro	4-chloro
1-pyrrolidinylmethylamino	methyl	H	2-fluoro	4-fluoro
1-piperazinyl	methyl	H	3-fluoro	4-fluoro
1-pyrrolidinyl	methyl	H	2-bromo	4-bromo
1-pyrrolidinylmethylamino	methyl	H	3-bromo	4-bromo
1-piperazinyl	methyl	H	2-methoxy	4-methoxy
1-pyrrolidinyl	methyl	H	3-methoxy	4-methoxy
1-pyrrolidinylmethylamino	methyl	H	2-acetyl	H
1-piperazinyl	methyl	H	3-acetyl	H
1-pyrrolidinyl	methyl	H	4-acetyl	H
1-pyrrolidinylmethylamino	methyl	H	2-benzoyl	H
1-piperazinyl	methyl	H	3-benzoyl	H
1-pyrrolidinyl	methyl	H	4-benzoyl	H
1-pyrrolidinylmethylamino	methyl	H	2-cyano	H
1-piperazinyl	methyl	H	3-cyano	H
1-pyrrolidinyl	methyl	H	4-cyano	H
1-pyrrolidinylmethylamino	methyl	H	2-carbamoyl	H
1-piperazinyl	methyl	H	3-carbamoyl	H
1-pyrrolidinyl	methyl	H	4-carbamoyl	H
1-pyrrolidinylmethylamino	methyl	H	2-dimethylcarbamoyl	H
1-piperazinyl	methyl	H	3-dimethylcarbamoyl	H
1-pyrrolidinyl	methyl	H	4-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	methyl	H	2-methylcarbamoyl	H
1-piperazinyl	methyl	H	3-methylcarbamoyl	H

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【表84】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinyl	methyl	H	4-methylcarbonyl	H
1-pyrrolidinylmethylamino	methyl	H	2-methoxycarbonyl	H
1-piperazinyl	methyl	H	3-methoxycarbonyl	H
1-pyrrolidinyl	methyl	H	4-methoxycarbonyl	H
1-pyrrolidinylmethylamino	methyl	H	2-amino	H
1-piperazinyl	methyl	H	3-amino	H
1-pyrrolidinyl	methyl	H	4-amino	H
1-pyrrolidinylmethylamino	methyl	H	2-methylamino	H
1-piperazinyl	methyl	H	3-methylamino	H
1-pyrrolidinyl	methyl	H	4-methylamino	H
1-pyrrolidinylmethylamino	methyl	H	2-dimethylamino	H
1-piperazinyl	methyl	H	3-dimethylamino	H
1-pyrrolidinyl	methyl	H	4-dimethylamino	H
1-pyrrolidinylmethylamino	methyl	H	2-trifluoromethyl	H
1-piperazinyl	methyl	H	3-trifluoromethyl	H
1-pyrrolidinyl	methyl	H	4-trifluoromethyl	H
1-pyrrolidinylmethylamino	methyl	H	2-fluoromethyl	H
1-piperazinyl	methyl	H	3-fluoromethyl	H
1-pyrrolidinyl	methyl	H	4-fluoromethyl	H
1-pyrrolidinylmethylamino	methyl	H	2-hydroxy	H
1-piperazinyl	methyl	H	3-hydroxy	H
1-pyrrolidinyl	methyl	H	4-hydroxy	H
1-pyrrolidinylmethylamino	methyl	H	4-(4-fluorobenzoyl)	H
1-piperazinyl	methyl	H	3-(4-fluorobenzoyl)	H
1-pyrrolidinyl	methyl	H	2-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	methyl	H	4-(4-methylbenzoyl)	H
1-piperazinyl	methyl	H	3-(4-methylbenzoyl)	H
1-pyrrolidinyl	methyl	H	2-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	methyl	H	4-chloroacetyl	H
1-piperazinyl	methyl	H	3-chloroacetyl	H
1-pyrrolidinyl	methyl	H	2-chloroacetyl	H
1-pyrrolidinylmethylamino	methyl	H	4-ethoxycarbonyl	H
1-piperazinyl	methyl	H	3-ethoxycarbonyl	H
1-pyrrolidinyl	methyl	H	2-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	methyl	H	4-carboxy	H
1-piperazinyl	methyl	H	3-carboxy	H
1-pyrrolidinyl	methyl	H	2-carboxy	H
1-pyrrolidinylmethylamino	methyl	H	4-chloromethoxy	H
1-piperazinyl	methyl	H	3-chloromethoxy	H
1-pyrrolidinyl	methyl	H	2-chloromethoxy	H

続く

【表 85】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinylmethylamino	ethyl	H	2-chloro	H
1-piperazinyl	ethyl	H	3-chloro	H
1-pyrrolidinyl	ethyl	H	4-chloro	H
1-pyrrolidinylmethylamino	ethyl	H	2-fluoro	H
1-piperazinyl	ethyl	H	3-fluoro	H
1-pyrrolidinyl	ethyl	H	4-fluoro	H
1-pyrrolidinylmethylamino	ethyl	H	2-bromo	H
1-piperazinyl	ethyl	H	3-bromo	H
1-pyrrolidinyl	ethyl	H	4-bromo	H
1-pyrrolidinylmethylamino	ethyl	H	2-nitro	H
1-piperazinyl	ethyl	H	3-nitro	H
1-pyrrolidinyl	ethyl	H	4-nitro	H
1-pyrrolidinylmethylamino	ethyl	H	2-methoxy	H
1-piperazinyl	ethyl	H	3-methoxy	H
1-pyrrolidinyl	ethyl	H	4-methoxy	H
1-pyrrolidinylmethylamino	ethyl	H	2-chloro	4-chloro
1-piperazinyl	ethyl	H	3-chloro	4-chloro
1-pyrrolidinyl	ethyl	H	2-fluoro	4-fluoro
1-pyrrolidinylmethylamino	ethyl	H	3-fluoro	4-fluoro
1-piperazinyl	ethyl	H	2-bromo	4-bromo
1-pyrrolidinyl	ethyl	H	3-bromo	4-bromo
1-pyrrolidinylmethylamino	ethyl	H	2-methoxy	4-methoxy
1-piperazinyl	ethyl	H	3-methoxy	4-methoxy
1-pyrrolidinyl	ethyl	H	2-acetyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-acetyl	H
1-piperazinyl	ethyl	H	4-acetyl	H
1-pyrrolidinyl	ethyl	H	2-benzoyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-benzoyl	H
1-piperazinyl	ethyl	H	4-benzoyl	H
1-pyrrolidinyl	ethyl	H	2-cyano	H
1-pyrrolidinylmethylamino	ethyl	H	3-cyano	H
1-piperazinyl	ethyl	H	4-cyano	H
1-pyrrolidinyl	ethyl	H	2-carbamoyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-carbamoyl	H
1-piperazinyl	ethyl	H	4-carbamoyl	H
1-pyrrolidinyl	ethyl	H	2-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-dimethylcarbamoyl	H
1-piperazinyl	ethyl	H	4-dimethylcarbamoyl	H
1-pyrrolidinyl	ethyl	H	2-methylcarbamoyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-methylcarbamoyl	H

続く

【表86】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	ethyl	H	4-methylcarbamoyl	H
1-pyrrolidinyl	ethyl	H	2-methoxycarbonyl	H
1-pyrrolidinylmethylamino	ethyl	H	3-methoxycarbonyl	H
1-piperazinyl	ethyl	H	4-methoxycarbonyl	H
1-pyrrolidinyl	ethyl	H	2-amino	H
1-pyrrolidinylmethylamino	ethyl	H	3-amino	H
1-piperazinyl	ethyl	H	4-amino	H
1-pyrrolidinyl	ethyl	H	4-methylamino	H
1-pyrrolidinylmethylamino	ethyl	H	3-methylamino	H
1-piperazinyl	ethyl	H	2-methylamino	H
1-pyrrolidinyl	ethyl	H	3-dimethylamino	H
1-pyrrolidinylmethylamino	ethyl	H	4-dimethylamino	H
1-piperazinyl	ethyl	H	2-trifluoromethyl	H
1-pyrrolidinyl	ethyl	H	3-trifluoromethyl	H
1-pyrrolidinylmethylamino	ethyl	H	4-trifluoromethyl	H
1-piperazinyl	ethyl	H	2-fluoromethyl	H
1-pyrrolidinyl	ethyl	H	3-fluoromethyl	H
1-pyrrolidinylmethylamino	ethyl	H	4-fluoromethyl	H
1-piperazinyl	ethyl	H	2-hydroxy	H
1-pyrrolidinyl	ethyl	H	3-hydroxy	H
1-pyrrolidinylmethylamino	ethyl	H	4-hydroxy	H
1-piperazinyl	ethyl	H	4-(4-fluorobenzoyl)	H
1-pyrrolidinyl	ethyl	H	3-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	ethyl	H	2-(4-fluorobenzoyl)	H
1-piperazinyl	ethyl	H	4-(4-methylbenzoyl)	H
1-pyrrolidinyl	ethyl	H	3-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	ethyl	H	2-(4-methylbenzoyl)	H
1-piperazinyl	ethyl	H	4-chloroacetyl	H
1-pyrrolidinyl	ethyl	H	3-chloroacetyl	H
1-pyrrolidinylmethylamino	ethyl	H	2-chloroacetyl	H
1-piperazinyl	ethyl	H	4-ethoxycarbonyl	H
1-pyrrolidinyl	ethyl	H	3-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	ethyl	H	2-ethoxycarbonyl	H
1-piperazinyl	ethyl	H	4-carboxy	H
1-pyrrolidinyl	ethyl	H	3-carboxy	H
1-pyrrolidinylmethylamino	ethyl	H	2-carboxy	H
1-piperazinyl	ethyl	H	4-chloromethoxy	H
1-pyrrolidinyl	ethyl	H	3-chloromethoxy	H
1-pyrrolidinylmethylamino	ethyl	H	2-chloromethoxy	H

続く

【表 87】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	propyl	H	2-chloro	H
1-pyrrolidinyl	propyl	H	3-chloro	H
1-pyrrolidinylmethylamino	propyl	H	4-chloro	H
1-piperazinyl	propyl	H	2-fluoro	H
1-pyrrolidinyl	propyl	H	3-fluoro	H
1-pyrrolidinylmethylamino	propyl	H	4-fluoro	H
1-piperazinyl	propyl	H	2-bromo	H
1-pyrrolidinyl	propyl	H	3-bromo	H
1-pyrrolidinylmethylamino	propyl	H	4-bromo	H
1-piperazinyl	propyl	H	2-nitro	H
1-pyrrolidinyl	propyl	H	3-nitro	H
1-pyrrolidinylmethylamino	propyl	H	4-nitro	H
1-piperazinyl	propyl	H	2-methoxy	H
1-pyrrolidinyl	propyl	H	3-methoxy	H
1-pyrrolidinylmethylamino	propyl	H	4-methoxy	H
1-piperazinyl	propyl	H	2-chloro	4-chloro
1-pyrrolidinyl	propyl	H	3-chloro	4-chloro
1-pyrrolidinylmethylamino	propyl	H	2-fluoro	4-fluoro
1-piperazinyl	propyl	H	3-fluoro	4-fluoro
1-pyrrolidinyl	propyl	H	2-bromo	4-bromo
1-pyrrolidinylmethylamino	propyl	H	3-bromo	4-bromo
1-piperazinyl	propyl	H	2-methoxy	4-methoxy
1-pyrrolidinyl	propyl	H	3-methoxy	4-methoxy
1-pyrrolidinylmethylamino	propyl	H	2-acetyl	H
1-piperazinyl	propyl	H	3-acetyl	H
1-pyrrolidinyl	propyl	H	4-acetyl	H
1-pyrrolidinylmethylamino	propyl	H	2-benzoyl	H
1-piperazinyl	propyl	H	3-benzoyl	H
1-pyrrolidinyl	propyl	H	4-benzoyl	H
1-pyrrolidinylmethylamino	propyl	H	2-cyano	H
1-piperazinyl	propyl	H	3-cyano	H
1-pyrrolidinyl	propyl	H	4-cyano	H
1-pyrrolidinylmethylamino	propyl	H	2-carbamoyl	H
1-piperazinyl	propyl	H	3-carbamoyl	H
1-pyrrolidinyl	propyl	H	4-carbamoyl	H
1-pyrrolidinylmethylamino	propyl	H	2-dimethylcarbamoyl	H
1-piperazinyl	propyl	H	3-dimethylcarbamoyl	H
1-pyrrolidinyl	propyl	H	4-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	propyl	H	2-methylcarbamoyl	H
1-piperazinyl	propyl	H	3-methylcarbamoyl	H

続く

【表88】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinyl	propyl	H	4-methylcarbonyl	H
1-pyrrolidinylmethylamino	propyl	H	2-methoxycarbonyl	H
1-piperazinyl	propyl	H	3-methoxycarbonyl	H
1-pyrrolidinyl	propyl	H	4-methoxycarbonyl	H
1-pyrrolidinylmethylamino	propyl	H	2-amino	H
1-piperazinyl	propyl	H	3-amino	H
1-pyrrolidinyl	propyl	H	4-amino	H
1-pyrrolidinylmethylamino	propyl	H	2-methylamino	H
1-piperazinyl	propyl	H	3-methylamino	H
1-pyrrolidinyl	propyl	H	4-methylamino	H
1-pyrrolidinylmethylamino	propyl	H	2-dimethylamino	H
1-piperazinyl	propyl	H	3-dimethylamino	H
1-pyrrolidinyl	propyl	H	4-dimethylamino	H
1-pyrrolidinylmethylamino	propyl	H	2-trifluoromethyl	H
1-piperazinyl	propyl	H	3-trifluoromethyl	H
1-pyrrolidinyl	propyl	H	4-trifluoromethyl	H
1-pyrrolidinylmethylamino	propyl	H	2-fluoromethyl	H
1-piperazinyl	propyl	H	3-fluoromethyl	H
1-pyrrolidinyl	propyl	H	4-fluoromethyl	H
1-pyrrolidinylmethylamino	propyl	H	2-hydroxy	H
1-piperazinyl	propyl	H	3-hydroxy	H
1-pyrrolidinyl	propyl	H	4-hydroxy	H
1-pyrrolidinylmethylamino	propyl	H	4-(4-fluorobenzoyl)	H
1-piperazinyl	propyl	H	3-(4-fluorobenzoyl)	H
1-pyrrolidinyl	propyl	H	2-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	propyl	H	4-(4-methylbenzoyl)	H
1-piperazinyl	propyl	H	3-(4-methylbenzoyl)	H
1-pyrrolidinyl	propyl	H	2-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	propyl	H	4-chloroacetyl	H
1-piperazinyl	propyl	H	3-chloroacetyl	H
1-pyrrolidinyl	propyl	H	2-chloroacetyl	H
1-pyrrolidinylmethylamino	propyl	H	4-ethoxycarbonyl	H
1-piperazinyl	propyl	H	3-ethoxycarbonyl	H
1-pyrrolidinyl	propyl	H	2-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	propyl	H	4-carboxy	H
1-piperazinyl	propyl	H	3-carboxy	H
1-pyrrolidinyl	propyl	H	2-carboxy	H
1-pyrrolidinylmethylamino	propyl	H	4-chloromethoxy	H
1-piperazinyl	propyl	H	3-chloromethoxy	H
1-pyrrolidinyl	propyl	H	2-chloromethoxy	H

続く

【表 89】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinylmethylamino	butyl	H	2-chloro	H
1-piperazinyl	butyl	H	3-chloro	H
1-pyrrolidinyl	butyl	H	4-chloro	H
1-pyrrolidinylmethylamino	butyl	H	2-fluoro	H
1-piperazinyl	butyl	H	3-fluoro	H
1-pyrrolidinyl	butyl	H	4-fluoro	H
1-pyrrolidinylmethylamino	butyl	H	2-bromo	H
1-piperazinyl	butyl	H	3-bromo	H
1-pyrrolidinyl	butyl	H	4-bromo	H
1-pyrrolidinylmethylamino	butyl	H	2-nitro	H
1-piperazinyl	butyl	H	3-nitro	H
1-pyrrolidinyl	butyl	H	4-nitro	H
1-pyrrolidinylmethylamino	butyl	H	2-methoxy	H
1-piperazinyl	butyl	H	3-methoxy	H
1-pyrrolidinyl	butyl	H	4-methoxy	H
1-pyrrolidinylmethylamino	butyl	H	2-chloro	4-chloro
1-piperazinyl	butyl	H	3-chloro	4-chloro
1-pyrrolidinyl	butyl	H	2-fluoro	4-fluoro
1-pyrrolidinylmethylamino	butyl	H	3-fluoro	4-fluoro
1-piperazinyl	butyl	H	2-bromo	4-bromo
1-pyrrolidinyl	butyl	H	3-bromo	4-bromo
1-pyrrolidinylmethylamino	butyl	H	2-methoxy	4-methoxy
1-piperazinyl	butyl	H	3-methoxy	4-methoxy
1-pyrrolidinyl	butyl	H	2-acetyl	H
1-pyrrolidinylmethylamino	butyl	H	3-acetyl	H
1-piperazinyl	butyl	H	4-acetyl	H
1-pyrrolidinyl	butyl	H	2-benzoyl	H
1-pyrrolidinylmethylamino	butyl	H	3-benzoyl	H
1-piperazinyl	butyl	H	4-benzoyl	H
1-pyrrolidinyl	butyl	H	2-cyano	H
1-pyrrolidinylmethylamino	butyl	H	3-cyano	H
1-piperazinyl	butyl	H	4-cyano	H
1-pyrrolidinyl	butyl	H	2-carbamoyl	H
1-pyrrolidinylmethylamino	butyl	H	3-carbamoyl	H
1-piperazinyl	butyl	H	4-carbamoyl	H
1-pyrrolidinyl	butyl	H	2-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	butyl	H	3-dimethylcarbamoyl	H
1-piperazinyl	butyl	H	4-dimethylcarbamoyl	H
1-pyrrolidinyl	butyl	H	2-methylcarbamoyl	H
1-pyrrolidinylmethylamino	butyl	H	3-methylcarbamoyl	H

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【表90】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	butyl	H	4-methylcarbonyl	H
1-pyrrolidinyl	butyl	H	2-methoxycarbonyl	H
1-pyrrolidinylmethylamino	butyl	H	3-methoxycarbonyl	H
1-piperazinyl	butyl	H	4-methoxycarbonyl	H
1-pyrrolidinyl	butyl	H	2-amino	H
1-pyrrolidinylmethylamino	butyl	H	3-amino	H
1-piperazinyl	butyl	H	4-amino	H
1-pyrrolidinyl	butyl	H	2-methylamino	H
1-pyrrolidinylmethylamino	butyl	H	3-methylamino	H
1-piperazinyl	butyl	H	4-methylamino	H
1-pyrrolidinyl	butyl	H	2-dimethylamino	H
1-pyrrolidinylmethylamino	butyl	H	3-dimethylamino	H
1-piperazinyl	butyl	H	4-dimethylamino	H
1-pyrrolidinyl	butyl	H	2-trifluoromethyl	H
1-pyrrolidinylmethylamino	butyl	H	3-trifluoromethyl	H
1-piperazinyl	butyl	H	4-trifluoromethyl	H
1-pyrrolidinyl	butyl	H	2-fluoromethyl	H
1-pyrrolidinylmethylamino	butyl	H	3-fluoromethyl	H
1-piperazinyl	butyl	H	4-fluoromethyl	H
1-pyrrolidinyl	butyl	H	2-hydroxy	H
1-pyrrolidinylmethylamino	butyl	H	3-hydroxy	H
1-piperazinyl	butyl	H	4-hydroxy	H
1-pyrrolidinyl	butyl	H	4-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	butyl	H	3-(4-fluorobenzoyl)	H
1-piperazinyl	butyl	H	2-(4-fluorobenzoyl)	H
1-pyrrolidinyl	butyl	H	4-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	butyl	H	3-(4-methylbenzoyl)	H
1-piperazinyl	butyl	H	2-(4-methylbenzoyl)	H
1-pyrrolidinyl	butyl	H	4-chloroacetyl	H
1-pyrrolidinylmethylamino	butyl	H	3-chloroacetyl	H
1-piperazinyl	butyl	H	2-chloroacetyl	H
1-pyrrolidinyl	butyl	H	4-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	butyl	H	3-ethoxycarbonyl	H
1-piperazinyl	butyl	H	2-ethoxycarbonyl	H
1-pyrrolidinyl	butyl	H	4-carboxy	H
1-pyrrolidinylmethylamino	butyl	H	3-carboxy	H
1-piperazinyl	butyl	H	2-carboxy	H
1-pyrrolidinyl	butyl	H	4-chloromethoxy	H
1-pyrrolidinylmethylamino	butyl	H	3-chloromethoxy	H
1-piperazinyl	butyl	H	2-chloromethoxy	H

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【表91】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinyl	benzyl	H	2-chloro	H
1-pyrrolidinylmethylamino	benzyl	H	3-chloro	H
1-piperazinyl	benzyl	H	4-chloro	H
1-pyrrolidinyl	benzyl	H	2-fluoro	H
1-pyrrolidinylmethylamino	benzyl	H	3-fluoro	H
1-piperazinyl	benzyl	H	4-fluoro	H
1-pyrrolidinyl	benzyl	H	2-bromo	H
1-pyrrolidinylmethylamino	benzyl	H	3-bromo	H
1-piperazinyl	benzyl	H	4-bromo	H
1-pyrrolidinyl	benzyl	H	2-nitro	H
1-pyrrolidinylmethylamino	benzyl	H	3-nitro	H
1-piperazinyl	benzyl	H	4-nitro	H
1-pyrrolidinyl	benzyl	H	2-methoxy	H
1-pyrrolidinylmethylamino	benzyl	H	3-methoxy	H
1-piperazinyl	benzyl	H	4-methoxy	H
1-pyrrolidinyl	benzyl	H	2-chloro	4-chloro
1-pyrrolidinylmethylamino	benzyl	H	3-chloro	4-chloro
1-piperazinyl	benzyl	H	2-fluoro	4-fluoro
1-pyrrolidinyl	benzyl	H	3-fluoro	4-fluoro
1-pyrrolidinylmethylamino	benzyl	H	2-bromo	4-bromo
1-piperazinyl	benzyl	H	3-bromo	4-bromo
1-pyrrolidinyl	benzyl	H	2-methoxy	4-methoxy
1-pyrrolidinylmethylamino	benzyl	H	3-methoxy	4-methoxy
1-piperazinyl	benzyl	H	2-acetyl	H
1-pyrrolidinyl	benzyl	H	3-acetyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-acetyl	H
1-piperazinyl	benzyl	H	2-benzoyl	H
1-pyrrolidinyl	benzyl	H	3-benzoyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-benzoyl	H
1-piperazinyl	benzyl	H	2-cyano	H
1-pyrrolidinyl	benzyl	H	3-cyano	H
1-pyrrolidinylmethylamino	benzyl	H	4-cyano	H
1-piperazinyl	benzyl	H	2-carbamoyl	H
1-pyrrolidinyl	benzyl	H	3-carbamoyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-carbamoyl	H
1-piperazinyl	benzyl	H	2-dimethylcarbamoyl	H
1-pyrrolidinyl	benzyl	H	3-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-dimethylcarbamoyl	H
1-piperazinyl	benzyl	H	2-methylcarbamoyl	H
1-pyrrolidinyl	benzyl	H	3-methylcarbamoyl	H

続く

【表92】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinylmethylamino	benzyl	H	4-methylcarbonyl	H
1-piperazinyl	benzyl	H	2-methoxycarbonyl	H
1-pyrrolidinyl	benzyl	H	3-methoxycarbonyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-methoxycarbonyl	H
1-piperazinyl	benzyl	H	2-amino	H
1-pyrrolidinyl	benzyl	H	3-amino	H
1-pyrrolidinylmethylamino	benzyl	H	4-amino	H
1-piperazinyl	benzyl	H	2-methylamino	H
1-pyrrolidinyl	benzyl	H	3-methylamino	H
1-pyrrolidinylmethylamino	benzyl	H	4-methylamino	H
1-piperazinyl	benzyl	H	2-dimethylamino	H
1-pyrrolidinyl	benzyl	H	3-dimethylamino	H
1-pyrrolidinylmethylamino	benzyl	H	4-dimethylamino	H
1-piperazinyl	benzyl	H	2-trifluoromethyl	H
1-pyrrolidinyl	benzyl	H	3-trifluoromethyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-trifluoromethyl	H
1-piperazinyl	benzyl	H	2-fluoromethyl	H
1-pyrrolidinyl	benzyl	H	3-fluoromethyl	H
1-pyrrolidinylmethylamino	benzyl	H	4-fluoromethyl	H
1-piperazinyl	benzyl	H	2-hydroxy	H
1-pyrrolidinyl	benzyl	H	3-hydroxy	H
1-pyrrolidinylmethylamino	benzyl	H	4-hydroxy	H
1-piperazinyl	benzyl	H	4-(4-fluorobenzoyl)	H
1-pyrrolidinyl	benzyl	H	3-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	benzyl	H	2-(4-fluorobenzoyl)	H
1-piperazinyl	benzyl	H	4-(4-methylbenzoyl)	H
1-pyrrolidinyl	benzyl	H	3-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	benzyl	H	2-(4-methylbenzoyl)	H
1-piperazinyl	benzyl	H	4-chloroacetyl	H
1-pyrrolidinyl	benzyl	H	3-chloroacetyl	H
1-pyrrolidinylmethylamino	benzyl	H	2-chloroacetyl	H
1-piperazinyl	benzyl	H	4-ethoxycarbonyl	H
1-pyrrolidinyl	benzyl	H	3-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	benzyl	H	2-ethoxycarbonyl	H
1-piperazinyl	benzyl	H	4-carboxy	H
1-pyrrolidinyl	benzyl	H	3-carboxy	H
1-pyrrolidinylmethylamino	benzyl	H	2-carboxy	H
1-piperazinyl	benzyl	H	4-chloromethoxy	H
1-pyrrolidinyl	benzyl	H	3-chloromethoxy	H
1-pyrrolidinylmethylamino	benzyl	H	2-chloromethoxy	H

続く

【表93】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-piperazinyl	cyclohexylmethyl	H	3-chloro	H
1-pyrrolidinyl	cyclohexylmethyl	H	3-chloro	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-chloro	H
1-piperazinyl	cyclohexylmethyl	H	2-fluoro	H
1-pyrrolidinyl	cyclohexylmethyl	H	3-fluoro	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-fluoro	H
1-piperazinyl	cyclohexylmethyl	H	2-bromo	H
1-pyrrolidinyl	cyclohexylmethyl	H	3-bromo	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-bromo	H
1-piperazinyl	cyclohexylmethyl	H	2-nitro	H
1-pyrrolidinyl	cyclohexylmethyl	H	3-nitro	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-nitro	H
1-piperazinyl	cyclohexylmethyl	H	2-methoxy	H
1-pyrrolidinyl	cyclohexylmethyl	H	3-methoxy	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-methoxy	H
1-piperazinyl	cyclohexylmethyl	H	2-chloro	4-chloro
1-pyrrolidinyl	cyclohexylmethyl	H	3-chloro	4-chloro
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-fluoro	4-fluoro
1-piperazinyl	cyclohexylmethyl	H	3-fluoro	4-fluoro
1-pyrrolidinyl	cyclohexylmethyl	H	2-bromo	4-bromo
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	3-bromo	4-bromo
1-piperazinyl	cyclohexylmethyl	H	2-methoxy	4-methoxy
1-pyrrolidinyl	cyclohexylmethyl	H	3-methoxy	4-methoxy
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-acetyl	H
1-piperazinyl	cyclohexylmethyl	H	3-acetyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-acetyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-benzoyl	H
1-piperazinyl	cyclohexylmethyl	H	3-benzoyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-benzoyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-cyano	H
1-piperazinyl	cyclohexylmethyl	H	3-cyano	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-cyano	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-carbamoyl	H
1-piperazinyl	cyclohexylmethyl	H	3-carbamoyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-carbamoyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
1-piperazinyl	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-methylcarbamoyl	H
1-piperazinyl	cyclohexylmethyl	H	3-methylcarbamoyl	H

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【表94】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
1-pyrrolidinyl	cyclohexylmethyl	H	4-methylcarbamoyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-methoxycarbonyl	H
1-piperazinyl	cyclohexylmethyl	H	3-methoxycarbonyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-methoxycarbonyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-amino	H
1-piperazinyl	cyclohexylmethyl	H	3-amino	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-amino	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-methylamino	H
1-piperazinyl	cyclohexylmethyl	H	3-methylamino	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-methylamino	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-dimethylamino	H
1-piperazinyl	cyclohexylmethyl	H	3-dimethylamino	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-dimethylamino	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-trifluoromethyl	H
1-piperazinyl	cyclohexylmethyl	H	3-trifluoromethyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-trifluoromethyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-fluoromethyl	H
1-piperazinyl	cyclohexylmethyl	H	3-fluoromethyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-fluoromethyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	2-hydroxy	H
1-piperazinyl	cyclohexylmethyl	H	3-hydroxy	H
1-pyrrolidinyl	cyclohexylmethyl	H	4-hydroxy	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
1-piperazinyl	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
1-piperazinyl	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-chloroacetyl	H
1-piperazinyl	cyclohexylmethyl	H	3-chloroacetyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-chloroacetyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
1-piperazinyl	cyclohexylmethyl	H	3-ethoxycarbonyl	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-ethoxycarbonyl	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-carboxy	H
1-piperazinyl	cyclohexylmethyl	H	3-carboxy	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-carboxy	H
1-pyrrolidinylmethylamino	cyclohexylmethyl	H	4-chloromethoxy	H
1-piperazinyl	cyclohexylmethyl	H	3-chloromethoxy	H
1-pyrrolidinyl	cyclohexylmethyl	H	2-chloromethoxy	H

続く

【表95】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	H	acetyl	H	H
amino	methyl	acetyl	H	H
amino	ethyl	acetyl	H	H
amino	propyl	acetyl	H	H
amino	methylethyl	acetyl	H	H
amino	butyl	acetyl	H	H
amino	1-methylpropyl	acetyl	H	H
amino	2-methylpropyl	acetyl	H	H
amino	dimethylethyl	acetyl	H	H
amino	pentyl	acetyl	H	H
amino	1-methylbutyl	acetyl	H	H
amino	2-methylbutyl	acetyl	H	H
amino	1,1-dimethylpropyl	acetyl	H	H
amino	1,2-dimethylpropyl	acetyl	H	H
amino	2,2-dimethylpropyl	acetyl	H	H
amino	hexyl	acetyl	H	H
amino	1-methylpentyl	acetyl	H	H
amino	2-methylpentyl	acetyl	H	H
amino	3-methylpentyl	acetyl	H	H
amino	4-methylpentyl	acetyl	H	H
amino	1,1-dimethylbutyl	acetyl	H	H
amino	1,2-dimethylbutyl	acetyl	H	H
amino	1,3-dimethylbutyl	acetyl	H	H
amino	2,2-dimethylbutyl	acetyl	H	H
amino	2,3-dimethylbutyl	acetyl	H	H
amino	3,3-dimethylbutyl	acetyl	H	H
amino	1-ethylbutyl	acetyl	H	H
amino	2-ethylbutyl	acetyl	H	H
amino	1,1,2-trimethylpropyl	acetyl	H	H

続く

【表96】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	acetyl	H	H
amino	cyclopropyl	acetyl	H	H
amino	cyclopentyl	acetyl	H	H
amino	cyclohexyl	acetyl	H	H
amino	cycloheptyl	acetyl	H	H
amino	cyclopropylmethyl	acetyl	H	H
amino	cyclopentylmethyl	acetyl	H	H
amino	cyclohexylmethyl	acetyl	H	H
amino	cycloheptylmethyl	acetyl	H	H
amino	2-cyclopropylethyl	acetyl	H	H
amino	2-cyclopentylethyl	acetyl	H	H
amino	2-cyclohexylethyl	acetyl	H	H
amino	2-cycloheptylethyl	acetyl	H	H
amino	3-cyclopropylpropyl	acetyl	H	H
amino	3-cyclopentylpropyl	acetyl	H	H
amino	3-cyclohexylpropyl	acetyl	H	H
amino	3-cycloheptylpropyl	acetyl	H	H
amino	4-cyclopropylbutyl	acetyl	H	H
amino	4-cyclopentylbutyl	acetyl	H	H
amino	4-cyclohexylbutyl	acetyl	H	H
amino	4-cycloheptylbutyl	acetyl	H	H
amino	5-cyclopropylpentyl	acetyl	H	H
amino	5-cyclopentylpentyl	acetyl	H	H
amino	5-cyclohexylpentyl	acetyl	H	H
amino	5-cycloheptylpentyl	acetyl	H	H
amino	6-methoxyhexyl	acetyl	H	H
amino	5-methoxypentyl	acetyl	H	H
amino	4-methoxybutyl	acetyl	H	H
amino	3-methoxypropyl	acetyl	H	H
amino	2-methoxyethyl	acetyl	H	H
amino	2-fluoroethyl	acetyl	H	H
amino	3-fluoropropyl	acetyl	H	H
amino	4-fluorobutyl	acetyl	H	H
amino	5-fluoropentyl	acetyl	H	H
amino	6-fluorohexyl	acetyl	H	H
amino	2-chloroethyl	acetyl	H	H
amino	3-chloropropyl	acetyl	H	H
amino	4-chlorobutyl	acetyl	H	H
amino	5-chloropentyl	acetyl	H	H
amino	6-chlorohexyl	acetyl	H	H

続く

【表97】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	acetyl	H	H
amino	3-hydroxypropyl	acetyl	H	H
amino	4-hydroxybutyl	acetyl	H	H
amino	5-hydroxypentyl	acetyl	H	H
amino	6-hydroxyhexyl	acetyl	H	H
amino	3-hydroxybutyl	acetyl	H	H
amino	2-carboxyethyl	acetyl	H	H
amino	3-carboxypropyl	acetyl	H	H
amino	4-carboxybutyl	acetyl	H	H
amino	5-carboxypentyl	acetyl	H	H
amino	6-carboxyhexyl	acetyl	H	H
amino	2-methoxycarbonylethyl	acetyl	H	H
amino	3-methoxycarbonylpropyl	acetyl	H	H
amino	4-methoxycarbonylbutyl	acetyl	H	H
amino	5-methoxycarbonylpentyl	acetyl	H	H
amino	6-methoxycarbonylhexyl	acetyl	H	H
amino	2-carbamoylethyl	acetyl	H	H
amino	3-carbamoylpropyl	acetyl	H	H
amino	4-carbamoylbutyl	acetyl	H	H
amino	5-carbamoylpentyl	acetyl	H	H
amino	6-carbamoylhexyl	acetyl	H	H
amino	2-dimethylcarbamoylethyl	acetyl	H	H
amino	3-dimethylcarbamoylpropyl	acetyl	H	H
amino	4-dimethylcarbamoylbutyl	acetyl	H	H
amino	5-dimethylcarbamoylpentyl	acetyl	H	H
amino	6-dimethylcarbamoylhexyl	acetyl	H	H
amino	2-methylcarbamoylethyl	acetyl	H	H
amino	3-methylcarbamoylpropyl	acetyl	H	H
amino	4-methylcarbamoylbutyl	acetyl	H	H
amino	5-methylcarbamoylpentyl	acetyl	H	H
amino	6-methylcarbamoylhexyl	acetyl	H	H
amino	2-ethylcarbamoylmethyl	acetyl	H	H
amino	3-ethylcarbamoylpropyl	acetyl	H	H
amino	4-ethylcarbamoylbutyl	acetyl	H	H
amino	5-ethylcarbamoylpentyl	acetyl	H	H
amino	6-ethylcarbamoylhexyl	acetyl	H	H
amino	4-ethylcarbamoylbutyl	acetyl	H	H
amino	2-diethylcarbamoylethyl	acetyl	H	H
amino	3-diethylcarbamoylpropyl	acetyl	H	H

続<

【表98】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylbutyl	acetyl	H	H
amino	5-diethylcarbamoylpentyl	acetyl	H	H
amino	6-diethylcarbamoylhexyl	acetyl	H	H
amino	2,2,2-trifluoroethyl	acetyl	H	H
amino	3,3,3-trifluoropropyl	acetyl	H	H
amino	4,4,4-trifluorobutyl	acetyl	H	H
amino	5,5,5-trifluoropentyl	acetyl	H	H
amino	6,6,6-trifluorohexyl	acetyl	H	H
amino	2-aminoethyl	acetyl	H	H
amino	3-aminopropyl	acetyl	H	H
amino	4-aminobutyl	acetyl	H	H
amino	5-aminopentyl	acetyl	H	H
amino	6-aminohexyl	acetyl	H	H
amino	2-methylaminoethyl	acetyl	H	H
amino	3-methylaminopropyl	acetyl	H	H
amino	4-methylaminobutyl	acetyl	H	H
amino	5-methylaminopentyl	acetyl	H	H
amino	6-methylaminohexyl	acetyl	H	H
amino	2-dimethylaminoethyl	acetyl	H	H
amino	3-dimethylaminopropyl	acetyl	H	H
amino	4-dimethylaminobutyl	acetyl	H	H
amino	5-dimethylaminopentyl	acetyl	H	H
amino	6-dimethylaminohexyl	acetyl	H	H
amino	2-acetylaminomethyl	acetyl	H	H
amino	3-acetylaminopropyl	acetyl	H	H
amino	4-acetylaminobutyl	acetyl	H	H
amino	5-acetylaminopentyl	acetyl	H	H
amino	6-acetylaminohexyl	acetyl	H	H
amino	2-benzoylaminoethyl	acetyl	H	H
amino	3-benzoylaminoethyl	acetyl	H	H
amino	4-benzoylaminoethyl	acetyl	H	H
amino	5-benzoylaminoethyl	acetyl	H	H
amino	6-benzoylaminoethyl	acetyl	H	H
amino	2-ethoxyethyl	acetyl	H	H
amino	3-ethoxypropyl	acetyl	H	H
amino	4-ethoxybutyl	acetyl	H	H
amino	5-ethoxypentyl	acetyl	H	H
amino	2-propoxyethyl	acetyl	H	H
amino	3-propoxypropyl	acetyl	H	H

続く

【表 99】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	acetyl	H	H
amino	2-phenylethyl	acetyl	H	H
amino	4-fluorobenzyl	acetyl	H	H
amino	3-fluorobenzyl	acetyl	H	H
amino	2-fluorobenzyl	acetyl	H	H
amino	3,4-difluorobenzyl	acetyl	H	H
amino	2,6-difluorobenzyl	acetyl	H	H
amino	4-chlorobenzyl	acetyl	H	H
amino	3-chlorobenzyl	acetyl	H	H
amino	2-chlorobenzyl	acetyl	H	H
amino	2,6-dichlorobenzyl	acetyl	H	H
amino	3,4-dichlorobenzyl	acetyl	H	H
amino	4-methoxybenzyl	acetyl	H	H
amino	3-methoxybenzyl	acetyl	H	H
amino	2-methoxybenzyl	acetyl	H	H
amino	3,4-dimethoxybenzyl	acetyl	H	H
amino	3,4,5-trimethoxybenzyl	acetyl	H	H
amino	4-hydroxybenzyl	acetyl	H	H
amino	3-hydroxybenzyl	acetyl	H	H
amino	2-hydroxybenzyl	acetyl	H	H
amino	3,4-dihydroxybenzyl	acetyl	H	H
amino	4-methylbenzyl	acetyl	H	H
amino	3-methylbenzyl	acetyl	H	H
amino	2-methylbenzyl	acetyl	H	H
amino	4-aminobenzyl	acetyl	H	H
amino	3-aminobenzyl	acetyl	H	H
amino	2-aminobenzyl	acetyl	H	H
amino	4-dimethylaminobenzyl	acetyl	H	H
amino	3-dimethylaminobenzyl	acetyl	H	H
amino	2-dimethylaminobenzyl	acetyl	H	H
amino	4-carbamoylbenzyl	acetyl	H	H
amino	3-carbamoylbenzyl	acetyl	H	H
amino	2-carbamoylbenzyl	acetyl	H	H
amino	4-dimethylcarbamoylbenzyl	acetyl	H	H
amino	3-dimethylcarbamoylbenzyl	acetyl	H	H
amino	2-dimethylcarbamoylbenzyl	acetyl	H	H
amino	4-methylcarbamoylbenzyl	acetyl	H	H
amino	3-methylcarbamoylbenzyl	acetyl	H	H
amino	2-methylcarbamoylbenzyl	acetyl	H	H

続<

[表100]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	acetyl	H	H
amino	3-cyanobenzyl	acetyl	H	H
amino	2-cyanobenzyl	acetyl	H	H
amino	4-phenoxybenzyl	acetyl	H	H
amino	3-phenoxybenzyl	acetyl	H	H
amino	2-phenoxybenzyl	acetyl	H	H
amino	4-carboxybenzyl	acetyl	H	H
amino	3-carboxybenzyl	acetyl	H	H
amino	2-carboxybenzyl	acetyl	H	H
amino	4-methoxycarbonylbenzyl	acetyl	H	H
amino	3-methoxycarbonylbenzyl	acetyl	H	H
amino	2-methoxycarbonylbenzyl	acetyl	H	H
amino	4-acetylbenzyl	acetyl	H	H
amino	3-acetylbenzyl	acetyl	H	H
amino	2-acetylbenzyl	acetyl	H	H
amino	4-benzoylbenzyl	acetyl	H	H
amino	3-benzoylbenzyl	acetyl	H	H
amino	2-benzoylbenzyl	acetyl	H	H
amino	phenyl	acetyl	H	H
amino	4-fluorophenyl	acetyl	H	H
amino	3-fluorophenyl	acetyl	H	H
amino	2-fluorophenyl	acetyl	H	H
amino	3,4-difluorophenyl	acetyl	H	H
amino	2,6-difluorophenyl	acetyl	H	H
amino	4-chlorophenyl	acetyl	H	H
amino	3-chlorophenyl	acetyl	H	H
amino	2-chlorophenyl	acetyl	H	H
amino	3,4-dichlorophenyl	acetyl	H	H
amino	2,6-dichlorophenyl	acetyl	H	H
amino	2-methoxyphenyl	acetyl	H	H
amino	3-methoxyphenyl	acetyl	H	H
amino	4-methoxyphenyl	acetyl	H	H
amino	3,4-dimethoxyphenyl	acetyl	H	H
amino	3,4,5-trimethoxyphenyl	acetyl	H	H
amino	2-hydroxyphenyl	acetyl	H	H
amino	3-hydroxyphenyl	acetyl	H	H
amino	4-hydroxyphenyl	acetyl	H	H
amino	3,4-dihydroxyphenyl	acetyl	H	H
amino	4-methylphenyl	acetyl	H	H
amino	3-methylphenyl	acetyl	H	H
amino	2-methylphenyl	acetyl	H	H

続く

[0066]

【表101】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	acetyl	H	H
amino	3-aminophenyl	acetyl	H	H
amino	2-aminophenyl	acetyl	H	H
amino	4-dimethylaminophenyl	acetyl	H	H
amino	3-dimethylaminophenyl	acetyl	H	H
amino	2-dimethylaminophenyl	acetyl	H	H
amino	4-methylaminophenyl	acetyl	H	H
amino	3-methylaminophenyl	acetyl	H	H
amino	2-methylaminophenyl	acetyl	H	H
amino	4-cyanophenyl	acetyl	H	H
amino	3-cyanophenyl	acetyl	H	H
amino	2-cyanophenyl	acetyl	H	H
amino	4-phenoxyphenyl	acetyl	H	H
amino	3-phenoxyphenyl	acetyl	H	H
amino	2-phenoxyphenyl	acetyl	H	H
amino	4-carbamoylphenyl	acetyl	H	H
amino	3-carbamoylphenyl	acetyl	H	H
amino	2-carbamoylphenyl	acetyl	H	H
amino	4-methylcarbamoylphenyl	acetyl	H	H
amino	3-methylcarbamoylphenyl	acetyl	H	H
amino	2-methylcarbamoylphenyl	acetyl	H	H
amino	4-dimethylcarbamoylphenyl	acetyl	H	H
amino	3-dimethylcarbamoylphenyl	acetyl	H	H
amino	2-dimethylcarbamoylphenyl	acetyl	H	H
amino	4-carboxyphenyl	acetyl	H	H
amino	3-carboxyphenyl	acetyl	H	H
amino	2-carboxyphenyl	acetyl	H	H
amino	4-methoxycarbonylphenyl	acetyl	H	H
amino	3-methoxycarbonylphenyl	acetyl	H	H
amino	2-methoxycarbonylphenyl	acetyl	H	H
amino	4-acetylphenyl	acetyl	H	H
amino	3-acetylphenyl	acetyl	H	H
amino	2-acetylphenyl	acetyl	H	H
amino	4-benzoylphenyl	acetyl	H	H
amino	3-benzoylphenyl	acetyl	H	H
amino	2-benzoylphenyl	acetyl	H	H
amino	2-(4-fluorophenyl)ethyl	acetyl	H	H
amino	2-(4-chlorophenyl)ethyl	acetyl	H	H
amino	2-(4-methoxyphenyl)ethyl	acetyl	H	H

続く

【表102】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	acetyl	2-chloro	H
amino	methyl	acetyl	3-chloro	H
amino	methyl	acetyl	4-chloro	H
amino	methyl	acetyl	2-fluoro	H
amino	methyl	acetyl	3-fluoro	H
amino	methyl	acetyl	4-fluoro	H
amino	methyl	acetyl	2-bromo	H
amino	methyl	acetyl	3-bromo	H
amino	methyl	acetyl	4-bromo	H
amino	methyl	acetyl	2-nitro	H
amino	methyl	acetyl	3-nitro	H
amino	methyl	acetyl	4-nitro	H
amino	methyl	acetyl	2-methoxy	H
amino	methyl	acetyl	3-methoxy	H
amino	methyl	acetyl	4-methoxy	H
amino	methyl	acetyl	2-chloro	4-chloro
amino	methyl	acetyl	3-chloro	4-chloro
amino	methyl	acetyl	2-fluoro	4-fluoro
amino	methyl	acetyl	3-fluoro	4-fluoro
amino	methyl	acetyl	2-bromo	4-bromo
amino	methyl	acetyl	3-bromo	4-bromo
amino	methyl	acetyl	2-methoxy	4-methoxy
amino	methyl	acetyl	3-methoxy	4-methoxy
amino	methyl	acetyl	2-acetyl	H
amino	methyl	acetyl	3-acetyl	H
amino	methyl	acetyl	4-acetyl	H
amino	methyl	acetyl	2-benzoyl	H
amino	methyl	acetyl	3-benzoyl	H
amino	methyl	acetyl	4-benzoyl	H
amino	methyl	acetyl	2-cyano	H
amino	methyl	acetyl	3-cyano	H
amino	methyl	acetyl	4-cyano	H
amino	methyl	acetyl	2-carbamoyl	H
amino	methyl	acetyl	3-carbamoyl	H
amino	methyl	acetyl	4-carbamoyl	H
amino	methyl	acetyl	2-dimethylcarbamoyl	H
amino	methyl	acetyl	3-dimethylcarbamoyl	H
amino	methyl	acetyl	4-dimethylcarbamoyl	H
amino	methyl	acetyl	2-methylcarbamoyl	H
amino	methyl	acetyl	3-methylcarbamoyl	H

続く

【表103】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	acetyl	4-methylcarbamoyl	H
amino	methyl	acetyl	2-methoxycarbonyl	H
amino	methyl	acetyl	3-methoxycarbonyl	H
amino	methyl	acetyl	4-methoxycarbonyl	H
amino	methyl	acetyl	2-amino	H
amino	methyl	acetyl	3-amino	H
amino	methyl	acetyl	4-amino	H
amino	methyl	acetyl	2-dimethylamino	H
amino	methyl	acetyl	3-dimethylamino	H
amino	methyl	acetyl	4-dimethylamino	H
amino	methyl	acetyl	2-methylamino	H
amino	methyl	acetyl	3-methylamino	H
amino	methyl	acetyl	4-methylamino	H
amino	methyl	acetyl	2-trifluoromethyl	H
amino	methyl	acetyl	3-trifluoromethyl	H
amino	methyl	acetyl	4-trifluoromethyl	H
amino	methyl	acetyl	2-fluoromethyl	H
amino	methyl	acetyl	3-fluoromethyl	H
amino	methyl	acetyl	4-fluoromethyl	H
amino	methyl	acetyl	2-hydroxy	H
amino	methyl	acetyl	3-hydroxy	H
amino	methyl	acetyl	4-hydroxy	H
amino	methyl	acetyl	4-(4-fluorobenzoyl)	H
amino	methyl	acetyl	3-(4-fluorobenzoyl)	H
amino	methyl	acetyl	2-(4-fluorobenzoyl)	H
amino	methyl	acetyl	4-(4-methylbenzoyl)	H
amino	methyl	acetyl	3-(4-methylbenzoyl)	H
amino	methyl	acetyl	2-(4-methylbenzoyl)	H
amino	methyl	acetyl	4-chloroacetyl	H
amino	methyl	acetyl	3-chloroacetyl	H
amino	methyl	acetyl	2-chloroacetyl	H
amino	methyl	acetyl	4-ethoxycarbonyl	H
amino	methyl	acetyl	3-ethoxycarbonyl	H
amino	methyl	acetyl	2-ethoxycarbonyl	H
amino	methyl	acetyl	4-carboxy	H
amino	methyl	acetyl	3-carboxy	H
amino	methyl	acetyl	2-carboxy	H
amino	methyl	acetyl	4-chloromethoxy	H
amino	methyl	acetyl	3-chloromethoxy	H
amino	methyl	acetyl	2-chloromethoxy	H

続く

【表104】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	acetyl	2-chloro	H
amino	ethyl	acetyl	3-chloro	H
amino	ethyl	acetyl	4-chloro	H
amino	ethyl	acetyl	2-fluoro	H
amino	ethyl	acetyl	3-fluoro	H
amino	ethyl	acetyl	4-fluoro	H
amino	ethyl	acetyl	2-bromo	H
amino	ethyl	acetyl	3-bromo	H
amino	ethyl	acetyl	4-bromo	H
amino	ethyl	acetyl	2-nitro	H
amino	ethyl	acetyl	3-nitro	H
amino	ethyl	acetyl	4-nitro	H
amino	ethyl	acetyl	2-methoxy	H
amino	ethyl	acetyl	3-methoxy	H
amino	ethyl	acetyl	4-methoxy	H
amino	ethyl	acetyl	2-chloro	4-chloro
amino	ethyl	acetyl	3-chloro	4-chloro
amino	ethyl	acetyl	2-fluoro	4-fluoro
amino	ethyl	acetyl	3-fluoro	4-fluoro
amino	ethyl	acetyl	2-bromo	4-bromo
amino	ethyl	acetyl	3-bromo	4-bromo
amino	ethyl	acetyl	2-methoxy	4-methoxy
amino	ethyl	acetyl	3-methoxy	4-methoxy
amino	ethyl	acetyl	2-acetyl	H
amino	ethyl	acetyl	3-acetyl	H
amino	ethyl	acetyl	4-acetyl	H
amino	ethyl	acetyl	2-benzoyl	H
amino	ethyl	acetyl	3-benzoyl	H
amino	ethyl	acetyl	4-benzoyl	H
amino	ethyl	acetyl	2-cyano	H
amino	ethyl	acetyl	3-cyano	H
amino	ethyl	acetyl	4-cyano	H
amino	ethyl	acetyl	2-carbamoyl	H
amino	ethyl	acetyl	3-carbamoyl	H
amino	ethyl	acetyl	4-carbamoyl	H
amino	ethyl	acetyl	2-dimethylcarbamoyl	H
amino	ethyl	acetyl	3-dimethylcarbamoyl	H
amino	ethyl	acetyl	4-dimethylcarbamoyl	H
amino	ethyl	acetyl	2-methylcarbamoyl	H
amino	ethyl	acetyl	3-methylcarbamoyl	H

続く

【表105】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	acetyl	4-methylcarbonyl	H
amino	ethyl	acetyl	2-methoxycarbonyl	H
amino	ethyl	acetyl	3-methoxycarbonyl	H
amino	ethyl	acetyl	4-methoxycarbonyl	H
amino	ethyl	acetyl	2-amino	H
amino	ethyl	acetyl	3-amino	H
amino	ethyl	acetyl	4-amino	H
amino	ethyl	acetyl	2-dimethylamino	H
amino	ethyl	acetyl	3-dimethylamino	H
amino	ethyl	acetyl	4-dimethylamino	H
amino	ethyl	acetyl	2-methylamino	H
amino	ethyl	acetyl	3-methylamino	H
amino	ethyl	acetyl	4-methylamino	H
amino	ethyl	acetyl	2-trifluoromethyl	H
amino	ethyl	acetyl	3-trifluoromethyl	H
amino	ethyl	acetyl	4-trifluoromethyl	H
amino	ethyl	acetyl	2-fluoromethyl	H
amino	ethyl	acetyl	3-fluoromethyl	H
amino	ethyl	acetyl	4-fluoromethyl	H
amino	ethyl	acetyl	2-hydroxy	H
amino	ethyl	acetyl	3-hydroxy	H
amino	ethyl	acetyl	4-hydroxy	H
amino	ethyl	acetyl	4-(4-fluorobenzoyl)	H
amino	ethyl	acetyl	3-(4-fluorobenzoyl)	H
amino	ethyl	acetyl	2-(4-fluorobenzoyl)	H
amino	ethyl	acetyl	4-(4-methylbenzoyl)	H
amino	ethyl	acetyl	3-(4-methylbenzoyl)	H
amino	ethyl	acetyl	2-(4-methylbenzoyl)	H
amino	ethyl	acetyl	4-chloroacetyl	H
amino	ethyl	acetyl	3-chloroacetyl	H
amino	ethyl	acetyl	2-chloroacetyl	H
amino	ethyl	acetyl	4-ethoxycarbonyl	H
amino	ethyl	acetyl	3-ethoxycarbonyl	H
amino	ethyl	acetyl	2-ethoxycarbonyl	H
amino	ethyl	acetyl	4-carboxy	H
amino	ethyl	acetyl	3-carboxy	H
amino	ethyl	acetyl	2-carboxy	H
amino	ethyl	acetyl	4-chloromethoxy	H
amino	ethyl	acetyl	3-chloromethoxy	H
amino	ethyl	acetyl	2-chloromethoxy	H

続<

【表106】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	acetyl	2-chloro	H
amino	propyl	acetyl	3-chloro	H
amino	propyl	acetyl	4-chloro	H
amino	propyl	acetyl	2-fluoro	H
amino	propyl	acetyl	3-fluoro	H
amino	propyl	acetyl	4-fluoro	H
amino	propyl	acetyl	2-bromo	H
amino	propyl	acetyl	3-bromo	H
amino	propyl	acetyl	4-bromo	H
amino	propyl	acetyl	2-nitro	H
amino	propyl	acetyl	3-nitro	H
amino	propyl	acetyl	4-nitro	H
amino	propyl	acetyl	2-methoxy	H
amino	propyl	acetyl	3-methoxy	H
amino	propyl	acetyl	4-methoxy	H
amino	propyl	acetyl	2-chloro	4-chloro
amino	propyl	acetyl	3-chloro	4-chloro
amino	propyl	acetyl	2-fluoro	4-fluoro
amino	propyl	acetyl	3-fluoro	4-fluoro
amino	propyl	acetyl	2-bromo	4-bromo
amino	propyl	acetyl	3-bromo	4-bromo
amino	propyl	acetyl	2-methoxy	4-methoxy
amino	propyl	acetyl	3-methoxy	4-methoxy
amino	propyl	acetyl	2-acetyl	H
amino	propyl	acetyl	3-acetyl	H
amino	propyl	acetyl	4-acetyl	H
amino	propyl	acetyl	2-benzoyl	H
amino	propyl	acetyl	3-benzoyl	H
amino	propyl	acetyl	4-benzoyl	H
amino	propyl	acetyl	2-cyano	H
amino	propyl	acetyl	3-cyano	H
amino	propyl	acetyl	4-cyano	H
amino	propyl	acetyl	2-carbamoyl	H
amino	propyl	acetyl	3-carbamoyl	H
amino	propyl	acetyl	4-carbamoyl	H
amino	propyl	acetyl	2-dimethylcarbamoyl	H
amino	propyl	acetyl	3-dimethylcarbamoyl	H
amino	propyl	acetyl	4-dimethylcarbamoyl	H
amino	propyl	acetyl	2-methylcarbamoyl	H
amino	propyl	acetyl	3-methylcarbamoyl	H

続く

【表107】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	acetyl	4-methylcarbamoyl	H
amino	propyl	acetyl	2-methoxycarbonyl	H
amino	propyl	acetyl	3-methoxycarbonyl	H
amino	propyl	acetyl	4-methoxycarbonyl	H
amino	propyl	acetyl	2-amino	H
amino	propyl	acetyl	3-amino	H
amino	propyl	acetyl	4-amino	H
amino	propyl	acetyl	2-dimethylamino	H
amino	propyl	acetyl	3-dimethylamino	H
amino	propyl	acetyl	4-dimethylamino	H
amino	propyl	acetyl	2-methylamino	H
amino	propyl	acetyl	3-methylamino	H
amino	propyl	acetyl	4-methylamino	H
amino	propyl	acetyl	2-trifluoromethyl	H
amino	propyl	acetyl	3-trifluoromethyl	H
amino	propyl	acetyl	4-trifluoromethyl	H
amino	propyl	acetyl	2-fluoromethyl	H
amino	propyl	acetyl	3-fluoromethyl	H
amino	propyl	acetyl	4-fluoromethyl	H
amino	propyl	acetyl	2-hydroxy	H
amino	propyl	acetyl	3-hydroxy	H
amino	propyl	acetyl	4-hydroxy	H
amino	propyl	acetyl	4-(4-fluorobenzoyl)	H
amino	propyl	acetyl	3-(4-fluorobenzoyl)	H
amino	propyl	acetyl	2-(4-fluorobenzoyl)	H
amino	propyl	acetyl	4-(4-methylbenzoyl)	H
amino	propyl	acetyl	3-(4-methylbenzoyl)	H
amino	propyl	acetyl	2-(4-methylbenzoyl)	H
amino	propyl	acetyl	4-chloroacetyl	H
amino	propyl	acetyl	3-chloroacetyl	H
amino	propyl	acetyl	2-chloroacetyl	H
amino	propyl	acetyl	4-ethoxycarbonyl	H
amino	propyl	acetyl	3-ethoxycarbonyl	H
amino	propyl	acetyl	2-ethoxycarbonyl	H
amino	propyl	acetyl	4-carboxy	H
amino	propyl	acetyl	3-carboxy	H
amino	propyl	acetyl	2-carboxy	H
amino	propyl	acetyl	4-chloromethoxy	H
amino	propyl	acetyl	3-chloromethoxy	H
amino	propyl	acetyl	2-chloromethoxy	H

続く

【表108】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	acetyl	2-chloro	H
amino	butyl	acetyl	3-chloro	H
amino	butyl	acetyl	4-chloro	H
amino	butyl	acetyl	2-fluoro	H
amino	butyl	acetyl	3-fluoro	H
amino	butyl	acetyl	4-fluoro	H
amino	butyl	acetyl	2-bromo	H
amino	butyl	acetyl	3-bromo	H
amino	butyl	acetyl	4-bromo	H
amino	butyl	acetyl	2-nitro	H
amino	butyl	acetyl	3-nitro	H
amino	butyl	acetyl	4-nitro	H
amino	butyl	acetyl	2-methoxy	H
amino	butyl	acetyl	3-methoxy	H
amino	butyl	acetyl	4-methoxy	H
amino	butyl	acetyl	2-chloro	4-chloro
amino	butyl	acetyl	3-chloro	4-chloro
amino	butyl	acetyl	2-fluoro	4-fluoro
amino	butyl	acetyl	3-fluoro	4-fluoro
amino	butyl	acetyl	2-bromo	4-bromo
amino	butyl	acetyl	3-bromo	4-bromo
amino	butyl	acetyl	2-methoxy	4-methoxy
amino	butyl	acetyl	3-methoxy	4-methoxy
amino	butyl	acetyl	2-acetyl	H
amino	butyl	acetyl	3-acetyl	H
amino	butyl	acetyl	4-acetyl	H
amino	butyl	acetyl	2-benzoyl	H
amino	butyl	acetyl	3-benzoyl	H
amino	butyl	acetyl	4-benzoyl	H
amino	butyl	acetyl	2-cyano	H
amino	butyl	acetyl	3-cyano	H
amino	butyl	acetyl	4-cyano	H
amino	butyl	acetyl	2-carbamoyl	H
amino	butyl	acetyl	3-carbamoyl	H
amino	butyl	acetyl	4-carbamoyl	H
amino	butyl	acetyl	2-dimethylcarbamoyl	H
amino	butyl	acetyl	3-dimethylcarbamoyl	H
amino	butyl	acetyl	4-dimethylcarbamoyl	H
amino	butyl	acetyl	2-methylcarbamoyl	H
amino	butyl	acetyl	3-methylcarbamoyl	H

続く

【表109】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	acetyl	4-methylcarbamoyl	H
amino	butyl	acetyl	2-methoxycarbonyl	H
amino	butyl	acetyl	3-methoxycarbonyl	H
amino	butyl	acetyl	4-methoxycarbonyl	H
amino	butyl	acetyl	2-amino	H
amino	butyl	acetyl	3-amino	H
amino	butyl	acetyl	4-amino	H
amino	butyl	acetyl	2-dimethylamino	H
amino	butyl	acetyl	3-dimethylamino	H
amino	butyl	acetyl	4-dimethylamino	H
amino	butyl	acetyl	2-methylamino	H
amino	butyl	acetyl	3-methylamino	H
amino	butyl	acetyl	4-methylamino	H
amino	butyl	acetyl	2-trifluoromethyl	H
amino	butyl	acetyl	3-trifluoromethyl	H
amino	butyl	acetyl	4-trifluoromethyl	H
amino	butyl	acetyl	2-fluoromethyl	H
amino	butyl	acetyl	3-fluoromethyl	H
amino	butyl	acetyl	4-fluoromethyl	H
amino	butyl	acetyl	2-hydroxy	H
amino	butyl	acetyl	3-hydroxy	H
amino	butyl	acetyl	4-hydroxy	H
amino	butyl	acetyl	4-(4-fluorobenzoyl)	H
amino	butyl	acetyl	3-(4-fluorobenzoyl)	H
amino	butyl	acetyl	2-(4-fluorobenzoyl)	H
amino	butyl	acetyl	4-(4-methylbenzoyl)	H
amino	butyl	acetyl	3-(4-methylbenzoyl)	H
amino	butyl	acetyl	2-(4-methylbenzoyl)	H
amino	butyl	acetyl	4-chloroacetyl	H
amino	butyl	acetyl	3-chloroacetyl	H
amino	butyl	acetyl	2-chloroacetyl	H
amino	butyl	acetyl	4-ethoxycarbonyl	H
amino	butyl	acetyl	3-ethoxycarbonyl	H
amino	butyl	acetyl	2-ethoxycarbonyl	H
amino	butyl	acetyl	4-carboxy	H
amino	butyl	acetyl	3-carboxy	H
amino	butyl	acetyl	2-carboxy	H
amino	butyl	acetyl	4-chloromethoxy	H
amino	butyl	acetyl	3-chloromethoxy	H
amino	butyl	acetyl	2-chloromethoxy	H

続<

【表110】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	acetyl	2-chloro	H
amino	benzyl	acetyl	3-chloro	H
amino	benzyl	acetyl	4-chloro	H
amino	benzyl	acetyl	2-fluoro	H
amino	benzyl	acetyl	3-fluoro	H
amino	benzyl	acetyl	4-fluoro	H
amino	benzyl	acetyl	2-bromo	H
amino	benzyl	acetyl	3-bromo	H
amino	benzyl	acetyl	4-bromo	H
amino	benzyl	acetyl	2-nitro	H
amino	benzyl	acetyl	3-nitro	H
amino	benzyl	acetyl	4-nitro	H
amino	benzyl	acetyl	2-methoxy	H
amino	benzyl	acetyl	3-methoxy	H
amino	benzyl	acetyl	4-methoxy	H
amino	benzyl	acetyl	2-chloro	4-chloro
amino	benzyl	acetyl	3-chloro	4-chloro
amino	benzyl	acetyl	2-fluoro	4-fluoro
amino	benzyl	acetyl	3-fluoro	4-fluoro
amino	benzyl	acetyl	2-bromo	4-bromo
amino	benzyl	acetyl	3-bromo	4-bromo
amino	benzyl	acetyl	2-methoxy	4-methoxy
amino	benzyl	acetyl	3-methoxy	4-methoxy
amino	benzyl	acetyl	2-acetyl	H
amino	benzyl	acetyl	3-acetyl	H
amino	benzyl	acetyl	4-acetyl	H
amino	benzyl	acetyl	2-benzoyl	H
amino	benzyl	acetyl	3-benzoyl	H
amino	benzyl	acetyl	4-benzoyl	H
amino	benzyl	acetyl	2-cyano	H
amino	benzyl	acetyl	3-cyano	H
amino	benzyl	acetyl	4-cyano	H
amino	benzyl	acetyl	2-carbamoyl	H
amino	benzyl	acetyl	3-carbamoyl	H
amino	benzyl	acetyl	4-carbamoyl	H
amino	benzyl	acetyl	2-dimethylcarbamoyl	H
amino	benzyl	acetyl	3-dimethylcarbamoyl	H
amino	benzyl	acetyl	4-dimethylcarbamoyl	H
amino	benzyl	acetyl	2-methylcarbamoyl	H
amino	benzyl	acetyl	3-methylcarbamoyl	H

続く

【表111】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	acetyl	4-methylcarbonyl	H
amino	benzyl	acetyl	2-methoxycarbonyl	H
amino	benzyl	acetyl	3-methoxycarbonyl	H
amino	benzyl	acetyl	4-methoxycarbonyl	H
amino	benzyl	acetyl	2-amino	H
amino	benzyl	acetyl	3-amino	H
amino	benzyl	acetyl	4-amino	H
amino	benzyl	acetyl	2-dimethylamino	H
amino	benzyl	acetyl	3-dimethylamino	H
amino	benzyl	acetyl	4-dimethylamino	H
amino	benzyl	acetyl	2-methylamino	H
amino	benzyl	acetyl	3-methylamino	H
amino	benzyl	acetyl	4-methylamino	H
amino	benzyl	acetyl	2-trifluoromethyl	H
amino	benzyl	acetyl	3-trifluoromethyl	H
amino	benzyl	acetyl	4-trifluoromethyl	H
amino	benzyl	acetyl	2-fluoromethyl	H
amino	benzyl	acetyl	3-fluoromethyl	H
amino	benzyl	acetyl	4-fluoromethyl	H
amino	benzyl	acetyl	2-hydroxy	H
amino	benzyl	acetyl	3-hydroxy	H
amino	benzyl	acetyl	4-hydroxy	H
amino	benzyl	acetyl	4-(4-fluorobenzoyl)	H
amino	benzyl	acetyl	3-(4-fluorobenzoyl)	H
amino	benzyl	acetyl	2-(4-fluorobenzoyl)	H
amino	benzyl	acetyl	4-(4-methylbenzoyl)	H
amino	benzyl	acetyl	3-(4-methylbenzoyl)	H
amino	benzyl	acetyl	2-(4-methylbenzoyl)	H
amino	benzyl	acetyl	4-chloroacetyl	H
amino	benzyl	acetyl	3-chloroacetyl	H
amino	benzyl	acetyl	2-chloroacetyl	H
amino	benzyl	acetyl	4-ethoxycarbonyl	H
amino	benzyl	acetyl	3-ethoxycarbonyl	H
amino	benzyl	acetyl	2-ethoxycarbonyl	H
amino	benzyl	acetyl	4-carboxy	H
amino	benzyl	acetyl	3-carboxy	H
amino	benzyl	acetyl	2-carboxy	H
amino	benzyl	acetyl	4-chloromethoxy	H
amino	benzyl	acetyl	3-chloromethoxy	H
amino	benzyl	acetyl	2-chloromethoxy	H

続<

【表112】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	acetyl	3-chloro	H
amino	cyclohexylmethyl	acetyl	3-chloro	H
amino	cyclohexylmethyl	acetyl	4-chloro	H
amino	cyclohexylmethyl	acetyl	2-fluoro	H
amino	cyclohexylmethyl	acetyl	3-fluoro	H
amino	cyclohexylmethyl	acetyl	4-fluoro	H
amino	cyclohexylmethyl	acetyl	2-bromo	H
amino	cyclohexylmethyl	acetyl	3-bromo	H
amino	cyclohexylmethyl	acetyl	4-bromo	H
amino	cyclohexylmethyl	acetyl	2-nitro	H
amino	cyclohexylmethyl	acetyl	3-nitro	H
amino	cyclohexylmethyl	acetyl	4-nitro	H
amino	cyclohexylmethyl	acetyl	2-methoxy	H
amino	cyclohexylmethyl	acetyl	3-methoxy	H
amino	cyclohexylmethyl	acetyl	4-methoxy	H
amino	cyclohexylmethyl	acetyl	2-chloro	4-chloro
amino	cyclohexylmethyl	acetyl	3-chloro	4-chloro
amino	cyclohexylmethyl	acetyl	2-fluoro	4-fluoro
amino	cyclohexylmethyl	acetyl	3-fluoro	4-fluoro
amino	cyclohexylmethyl	acetyl	2-bromo	4-bromo
amino	cyclohexylmethyl	acetyl	3-bromo	4-bromo
amino	cyclohexylmethyl	acetyl	2-methoxy	4-methoxy
amino	cyclohexylmethyl	acetyl	3-methoxy	4-methoxy
amino	cyclohexylmethyl	acetyl	2-acetyl	H
amino	cyclohexylmethyl	acetyl	3-acetyl	H
amino	cyclohexylmethyl	acetyl	4-acetyl	H
amino	cyclohexylmethyl	acetyl	2-benzoyl	H
amino	cyclohexylmethyl	acetyl	3-benzoyl	H
amino	cyclohexylmethyl	acetyl	4-benzoyl	H
amino	cyclohexylmethyl	acetyl	2-cyano	H
amino	cyclohexylmethyl	acetyl	3-cyano	H
amino	cyclohexylmethyl	acetyl	4-cyano	H
amino	cyclohexylmethyl	acetyl	2-carbamoyl	H
amino	cyclohexylmethyl	acetyl	3-carbamoyl	H
amino	cyclohexylmethyl	acetyl	4-carbamoyl	H
amino	cyclohexylmethyl	acetyl	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	acetyl	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	acetyl	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	acetyl	2-methylcarbamoyl	H
amino	cyclohexylmethyl	acetyl	3-methylcarbamoyl	H

続く

[表113]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	acetyl	4-methylcarbamoyl	H
amino	cyclohexylmethyl	acetyl	2-methoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	3-methoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	4-methoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	2-amino	H
amino	cyclohexylmethyl	acetyl	3-amino	H
amino	cyclohexylmethyl	acetyl	4-amino	H
amino	cyclohexylmethyl	acetyl	2-dimethylamino	H
amino	cyclohexylmethyl	acetyl	3-dimethylamino	H
amino	cyclohexylmethyl	acetyl	4-dimethylamino	H
amino	cyclohexylmethyl	acetyl	2-methylamino	H
amino	cyclohexylmethyl	acetyl	3-methylamino	H
amino	cyclohexylmethyl	acetyl	4-methylamino	H
amino	cyclohexylmethyl	acetyl	2-trifluoromethyl	H
amino	cyclohexylmethyl	acetyl	3-trifluoromethyl	H
amino	cyclohexylmethyl	acetyl	4-trifluoromethyl	H
amino	cyclohexylmethyl	acetyl	2-fluoromethyl	H
amino	cyclohexylmethyl	acetyl	3-fluoromethyl	H
amino	cyclohexylmethyl	acetyl	4-fluoromethyl	H
amino	cyclohexylmethyl	acetyl	2-hydroxy	H
amino	cyclohexylmethyl	acetyl	3-hydroxy	H
amino	cyclohexylmethyl	acetyl	4-hydroxy	H
amino	cyclohexylmethyl	acetyl	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	acetyl	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	acetyl	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	acetyl	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	acetyl	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	acetyl	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	acetyl	4-chloroacetyl	H
amino	cyclohexylmethyl	acetyl	3-chloroacetyl	H
amino	cyclohexylmethyl	acetyl	2-chloroacetyl	H
amino	cyclohexylmethyl	acetyl	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	acetyl	4-carboxy	H
amino	cyclohexylmethyl	acetyl	3-carboxy	H
amino	cyclohexylmethyl	acetyl	2-carboxy	H
amino	cyclohexylmethyl	acetyl	4-chloromethoxy	H
amino	cyclohexylmethyl	acetyl	3-chloromethoxy	H
amino	cyclohexylmethyl	acetyl	2-chloromethoxy	H

続<

【表 114】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	H	acetyl	H	H
methylamino	methyl	acetyl	H	H
methylamino	ethyl	acetyl	H	H
methylamino	propyl	acetyl	H	H
methylamino	methylethyl	acetyl	H	H
methylamino	butyl	acetyl	H	H
methylamino	1-methylpropyl	acetyl	H	H
methylamino	2-methylpropyl	acetyl	H	H
methylamino	dimethylethyl	acetyl	H	H
methylamino	pentyl	acetyl	H	H
methylamino	1-methylbutyl	acetyl	H	H
methylamino	2-methylbutyl	acetyl	H	H
methylamino	1,1-dimethylpropyl	acetyl	H	H
methylamino	1,2-dimethylpropyl	acetyl	H	H
methylamino	2,2-dimethylpropyl	acetyl	H	H
methylamino	hexyl	acetyl	H	H
methylamino	1-methylpentyl	acetyl	H	H
methylamino	2-methylpentyl	acetyl	H	H
methylamino	3-methylpentyl	acetyl	H	H
methylamino	4-methylpentyl	acetyl	H	H
methylamino	1,1-dimethylbutyl	acetyl	H	H
methylamino	1,2-dimethylbutyl	acetyl	H	H
methylamino	1,3-dimethylbutyl	acetyl	H	H
methylamino	2,2-dimethylbutyl	acetyl	H	H
methylamino	2,3-dimethylbutyl	acetyl	H	H
methylamino	3,3-dimethylbutyl	acetyl	H	H
methylamino	1-ethylbutyl	acetyl	H	H
methylamino	2-ethylbutyl	acetyl	H	H
methylamino	1,1,2-trimethylpropyl	acetyl	H	H
methylamino	heptyl	acetyl	H	H
methylamino	cyclopropyl	acetyl	H	H
methylamino	cyclopentyl	acetyl	H	H
methylamino	cyclohexyl	acetyl	H	H
methylamino	cycloheptyl	acetyl	H	H
methylamino	cyclopropylmethyl	acetyl	H	H
methylamino	cyclopentylmethyl	acetyl	H	H
methylamino	cyclohexylmethyl	acetyl	H	H
methylamino	cycloheptylmethyl	acetyl	H	H
methylamino	2-methoxyethyl	acetyl	H	H
methylamino	3-methoxypropyl	acetyl	H	H

続<

【表115】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	4-methoxybutyl	acetyl	H	H
methylamino	5-methoxypentyl	acetyl	H	H
methylamino	5-ethoxypentyl	acetyl	H	H
methylamino	2-ethoxyethyl	acetyl	H	H
methylamino	3-ethoxypropyl	acetyl	H	H
methylamino	4-ethoxybutyl	acetyl	H	H
methylamino	2-carboxyethyl	acetyl	H	H
methylamino	3-carboxypropyl	acetyl	H	H
methylamino	4-carboxybutyl	acetyl	H	H
methylamino	5-carboxypentyl	acetyl	H	H
methylamino	2-hydroxyethyl	acetyl	H	H
methylamino	3-hydroxypropyl	acetyl	H	H
methylamino	4-hydroxybutyl	acetyl	H	H
methylamino	5-hydroxypentyl	acetyl	H	H
methylamino	2-methoxycarbonylethyl	acetyl	H	H
methylamino	3-methoxycarbonylpropyl	acetyl	H	H
methylamino	4-methoxycarbonylbutyl	acetyl	H	H
methylamino	5-methoxycarbonylpentyl	acetyl	H	H
methylamino	2-aminoethyl	acetyl	H	H
methylamino	3-aminopropyl	acetyl	H	H
methylamino	4-aminobutyl	acetyl	H	H
methylamino	5-aminopentyl	acetyl	H	H
methylamino	6-aminohexyl	acetyl	H	H
methylamino	2-chloroethyl	acetyl	H	H
methylamino	3-chloropropyl	acetyl	H	H
methylamino	4-chlorobutyl	acetyl	H	H
methylamino	5-chloropentyl	acetyl	H	H
methylamino	6-chlorohexyl	acetyl	H	H
methylamino	2-fluoroethyl	acetyl	H	H
methylamino	3-fluoropropyl	acetyl	H	H
methylamino	4-fluorobutyl	acetyl	H	H
methylamino	5-fluoropentyl	acetyl	H	H
methylamino	6-fluorohexyl	acetyl	H	H
methylamino	2-carbamoylethyl	acetyl	H	H
methylamino	3-carbamoylpropyl	acetyl	H	H
methylamino	4-carbamoylbutyl	acetyl	H	H
methylamino	5-carbamoylpentyl	acetyl	H	H
methylamino	6-carbamoylhexyl	acetyl	H	H
methylamino	3-methylcarbamoylpropyl	acetyl	H	H
methylamino	4-methylcarbamoylbutyl	acetyl	H	H
methylamino	5-methylcarbamoylpentyl	acetyl	H	H

続く

【表 116】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	acetyl	H	H
methylamino	2-phenylethyl	acetyl	H	H
methylamino	4-fluorobenzyl	acetyl	H	H
methylamino	3-fluorobenzyl	acetyl	H	H
methylamino	4-chlorobenzyl	acetyl	H	H
methylamino	3-chlorobenzyl	acetyl	H	H
methylamino	4-methoxybenzyl	acetyl	H	H
methylamino	3-methoxybenzyl	acetyl	H	H
methylamino	4-hydroxybenzyl	acetyl	H	H
methylamino	3-hydroxybenzyl	acetyl	H	H
methylamino	4-methylbenzyl	acetyl	H	H
methylamino	3-methylbenzyl	acetyl	H	H
methylamino	4-aminobenzyl	acetyl	H	H
methylamino	3-aminobenzyl	acetyl	H	H
methylamino	4-dimethylaminobenzyl	acetyl	H	H
methylamino	3-dimethylaminobenzyl	acetyl	H	H
methylamino	4-carbamoylbenzyl	acetyl	H	H
methylamino	3-carbamoylbenzyl	acetyl	H	H
methylamino	4-methylcarbamoylbenzyl	acetyl	H	H
methylamino	3-methylcarbamoylbenzyl	acetyl	H	H
methylamino	4-cyanobenzyl	acetyl	H	H
methylamino	4-phenoxybenzyl	acetyl	H	H
methylamino	phenyl	acetyl	H	H
methylamino	4-fluorophenyl	acetyl	H	H
methylamino	3-fluorophenyl	acetyl	H	H
methylamino	4-chlorophenyl	acetyl	H	H
methylamino	3-methoxyphenyl	acetyl	H	H
methylamino	3-hydroxyphenyl	acetyl	H	H
methylamino	4-methylphenyl	acetyl	H	H
methylamino	3-methylphenyl	acetyl	H	H
methylamino	4-aminophenyl	acetyl	H	H
methylamino	3-aminophenyl	acetyl	H	H
methylamino	3-dimethylaminophenyl	acetyl	H	H
methylamino	4-dimethylaminophenyl	acetyl	H	H
methylamino	3-carbamoylphenyl	acetyl	H	H
methylamino	4-carbamoylphenyl	acetyl	H	H
methylamino	3-cyanophenyl	acetyl	H	H
methylamino	4-cyanophenyl	acetyl	H	H
methylamino	3-phenoxyphenyl	acetyl	H	H
methylamino	4-phenoxyphenyl	acetyl	H	H

続く

【表 117】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	acetyl	2-chloro	H
methylamino	methyl	acetyl	3-chloro	H
methylamino	methyl	acetyl	4-chloro	H
methylamino	methyl	acetyl	2-fluoro	H
methylamino	methyl	acetyl	3-fluoro	H
methylamino	methyl	acetyl	4-fluoro	H
methylamino	methyl	acetyl	2-bromo	H
methylamino	methyl	acetyl	3-bromo	H
methylamino	methyl	acetyl	4-bromo	H
methylamino	methyl	acetyl	2-nitro	H
methylamino	methyl	acetyl	3-nitro	H
methylamino	methyl	acetyl	4-nitro	H
methylamino	methyl	acetyl	2-methoxy	H
methylamino	methyl	acetyl	3-methoxy	H
methylamino	methyl	acetyl	4-methoxy	H
methylamino	methyl	acetyl	2-chloro	4-chloro
methylamino	methyl	acetyl	3-chloro	4-chloro
methylamino	methyl	acetyl	2-fluoro	4-fluoro
methylamino	methyl	acetyl	3-fluoro	4-fluoro
methylamino	methyl	acetyl	2-bromo	4-bromo
methylamino	methyl	acetyl	3-bromo	4-bromo
methylamino	methyl	acetyl	2-methoxy	4-methoxy
methylamino	methyl	acetyl	3-methoxy	4-methoxy
methylamino	methyl	acetyl	2-acetyl	H
methylamino	methyl	acetyl	3-acetyl	H
methylamino	methyl	acetyl	4-acetyl	H
methylamino	methyl	acetyl	2-benzoyl	H
methylamino	methyl	acetyl	3-benzoyl	H
methylamino	methyl	acetyl	4-benzoyl	H
methylamino	methyl	acetyl	2-cyano	H
methylamino	methyl	acetyl	3-cyano	H
methylamino	methyl	acetyl	4-cyano	H
methylamino	methyl	acetyl	2-carbamoyl	H
methylamino	methyl	acetyl	3-carbamoyl	H
methylamino	methyl	acetyl	4-carbamoyl	H
methylamino	methyl	acetyl	2-dimethylcarbamoyl	H
methylamino	methyl	acetyl	3-dimethylcarbamoyl	H
methylamino	methyl	acetyl	4-dimethylcarbamoyl	H
methylamino	methyl	acetyl	2-methylcarbamoyl	H
methylamino	methyl	acetyl	3-methylcarbamoyl	H

続<

【表118】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	acetyl	4-methylcarbonyl	H
methylamino	methyl	acetyl	2-methoxycarbonyl	H
methylamino	methyl	acetyl	3-methoxycarbonyl	H
methylamino	methyl	acetyl	4-methoxycarbonyl	H
methylamino	methyl	acetyl	2-amino	H
methylamino	methyl	acetyl	3-amino	H
methylamino	methyl	acetyl	4-amino	H
methylamino	methyl	acetyl	2-dimethylamino	H
methylamino	methyl	acetyl	3-dimethylamino	H
methylamino	methyl	acetyl	4-dimethylamino	H
methylamino	methyl	acetyl	2-methylamino	H
methylamino	methyl	acetyl	3-methylamino	H
methylamino	methyl	acetyl	4-methylamino	H
methylamino	methyl	acetyl	2-trifluoromethyl	H
methylamino	methyl	acetyl	3-trifluoromethyl	H
methylamino	methyl	acetyl	4-trifluoromethyl	H
methylamino	methyl	acetyl	2-fluoromethyl	H
methylamino	methyl	acetyl	3-fluoromethyl	H
methylamino	methyl	acetyl	4-fluoromethyl	H
methylamino	methyl	acetyl	2-hydroxy	H
methylamino	methyl	acetyl	3-hydroxy	H
methylamino	methyl	acetyl	4-hydroxy	H
methylamino	methyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	methyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	methyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	methyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	methyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	methyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	methyl	acetyl	4-chloroacetyl	H
methylamino	methyl	acetyl	3-chloroacetyl	H
methylamino	methyl	acetyl	2-chloroacetyl	H
methylamino	methyl	acetyl	4-ethoxycarbonyl	H
methylamino	methyl	acetyl	3-ethoxycarbonyl	H
methylamino	methyl	acetyl	2-ethoxycarbonyl	H
methylamino	methyl	acetyl	4-carboxy	H
methylamino	methyl	acetyl	3-carboxy	H
methylamino	methyl	acetyl	2-carboxy	H
methylamino	methyl	acetyl	4-chloromethoxy	H
methylamino	methyl	acetyl	3-chloromethoxy	H
methylamino	methyl	acetyl	2-chloromethoxy	H

続く

【表119】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	acetyl	2-chloro	H
methylamino	ethyl	acetyl	3-chloro	H
methylamino	ethyl	acetyl	4-chloro	H
methylamino	ethyl	acetyl	2-fluoro	H
methylamino	ethyl	acetyl	3-fluoro	H
methylamino	ethyl	acetyl	4-fluoro	H
methylamino	ethyl	acetyl	2-bromo	H
methylamino	ethyl	acetyl	3-bromo	H
methylamino	ethyl	acetyl	4-bromo	H
methylamino	ethyl	acetyl	2-nitro	H
methylamino	ethyl	acetyl	3-nitro	H
methylamino	ethyl	acetyl	4-nitro	H
methylamino	ethyl	acetyl	2-methoxy	H
methylamino	ethyl	acetyl	3-methoxy	H
methylamino	ethyl	acetyl	4-methoxy	H
methylamino	ethyl	acetyl	2-chloro	4-chloro
methylamino	ethyl	acetyl	3-chloro	4-chloro
methylamino	ethyl	acetyl	2-fluoro	4-fluoro
methylamino	ethyl	acetyl	3-fluoro	4-fluoro
methylamino	ethyl	acetyl	2-bromo	4-bromo
methylamino	ethyl	acetyl	3-bromo	4-bromo
methylamino	ethyl	acetyl	2-methoxy	4-methoxy
methylamino	ethyl	acetyl	3-methoxy	4-methoxy
methylamino	ethyl	acetyl	2-acetyl	H
methylamino	ethyl	acetyl	3-acetyl	H
methylamino	ethyl	acetyl	4-acetyl	H
methylamino	ethyl	acetyl	2-benzoyl	H
methylamino	ethyl	acetyl	3-benzoyl	H
methylamino	ethyl	acetyl	4-benzoyl	H
methylamino	ethyl	acetyl	2-cyano	H
methylamino	ethyl	acetyl	3-cyano	H
methylamino	ethyl	acetyl	4-cyano	H
methylamino	ethyl	acetyl	2-carbamoyl	H
methylamino	ethyl	acetyl	3-carbamoyl	H
methylamino	ethyl	acetyl	4-carbamoyl	H
methylamino	ethyl	acetyl	2-dimethylcarbamoyl	H
methylamino	ethyl	acetyl	3-dimethylcarbamoyl	H
methylamino	ethyl	acetyl	4-dimethylcarbamoyl	H
methylamino	ethyl	acetyl	2-methylcarbamoyl	H
methylamino	ethyl	acetyl	3-methylcarbamoyl	H

続<

【表120】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	acetyl	4-methylcarbonyl	H
methylamino	ethyl	acetyl	2-methoxycarbonyl	H
methylamino	ethyl	acetyl	3-methoxycarbonyl	H
methylamino	ethyl	acetyl	4-methoxycarbonyl	H
methylamino	ethyl	acetyl	2-amino	H
methylamino	ethyl	acetyl	3-amino	H
methylamino	ethyl	acetyl	4-amino	H
methylamino	ethyl	acetyl	2-dimethylamino	H
methylamino	ethyl	acetyl	3-dimethylamino	H
methylamino	ethyl	acetyl	4-dimethylamino	H
methylamino	ethyl	acetyl	2-methylamino	H
methylamino	ethyl	acetyl	3-methylamino	H
methylamino	ethyl	acetyl	4-methylamino	H
methylamino	ethyl	acetyl	2-trifluoromethyl	H
methylamino	ethyl	acetyl	3-trifluoromethyl	H
methylamino	ethyl	acetyl	4-trifluoromethyl	H
methylamino	ethyl	acetyl	2-fluoromethyl	H
methylamino	ethyl	acetyl	3-fluoromethyl	H
methylamino	ethyl	acetyl	4-fluoromethyl	H
methylamino	ethyl	acetyl	2-hydroxy	H
methylamino	ethyl	acetyl	3-hydroxy	H
methylamino	ethyl	acetyl	4-hydroxy	H
methylamino	ethyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	ethyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	ethyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	ethyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	ethyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	ethyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	ethyl	acetyl	4-chloroacetyl	H
methylamino	ethyl	acetyl	3-chloroacetyl	H
methylamino	ethyl	acetyl	2-chloroacetyl	H
methylamino	ethyl	acetyl	4-ethoxycarbonyl	H
methylamino	ethyl	acetyl	3-ethoxycarbonyl	H
methylamino	ethyl	acetyl	2-ethoxycarbonyl	H
methylamino	ethyl	acetyl	4-carboxy	H
methylamino	ethyl	acetyl	3-carboxy	H
methylamino	ethyl	acetyl	2-carboxy	H
methylamino	ethyl	acetyl	4-chloromethoxy	H
methylamino	ethyl	acetyl	3-chloromethoxy	H
methylamino	ethyl	acetyl	2-chloromethoxy	H

続<

【0067】

【表121】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	acetyl	2-chloro	H
methylamino	propyl	acetyl	3-chloro	H
methylamino	propyl	acetyl	4-chloro	H
methylamino	propyl	acetyl	2-fluoro	H
methylamino	propyl	acetyl	3-fluoro	H
methylamino	propyl	acetyl	4-fluoro	H
methylamino	propyl	acetyl	2-bromo	H
methylamino	propyl	acetyl	3-bromo	H
methylamino	propyl	acetyl	4-bromo	H
methylamino	propyl	acetyl	2-nitro	H
methylamino	propyl	acetyl	3-nitro	H
methylamino	propyl	acetyl	4-nitro	H
methylamino	propyl	acetyl	2-methoxy	H
methylamino	propyl	acetyl	3-methoxy	H
methylamino	propyl	acetyl	4-methoxy	H
methylamino	propyl	acetyl	2-chloro	4-chloro
methylamino	propyl	acetyl	3-chloro	4-chloro
methylamino	propyl	acetyl	2-fluoro	4-fluoro
methylamino	propyl	acetyl	3-fluoro	4-fluoro
methylamino	propyl	acetyl	2-bromo	4-bromo
methylamino	propyl	acetyl	3-bromo	4-bromo
methylamino	propyl	acetyl	2-methoxy	4-methoxy
methylamino	propyl	acetyl	3-methoxy	4-methoxy
methylamino	propyl	acetyl	2-acetyl	H
methylamino	propyl	acetyl	3-acetyl	H
methylamino	propyl	acetyl	4-acetyl	H
methylamino	propyl	acetyl	2-benzoyl	H
methylamino	propyl	acetyl	3-benzoyl	H
methylamino	propyl	acetyl	4-benzoyl	H
methylamino	propyl	acetyl	2-cyano	H
methylamino	propyl	acetyl	3-cyano	H
methylamino	propyl	acetyl	4-cyano	H
methylamino	propyl	acetyl	2-carbamoyl	H
methylamino	propyl	acetyl	3-carbamoyl	H
methylamino	propyl	acetyl	4-carbamoyl	H
methylamino	propyl	acetyl	2-dimethylcarbamoyl	H
methylamino	propyl	acetyl	3-dimethylcarbamoyl	H
methylamino	propyl	acetyl	4-dimethylcarbamoyl	H
methylamino	propyl	acetyl	2-methylcarbamoyl	H
methylamino	propyl	acetyl	3-methylcarbamoyl	H

続<

【表122】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	acetyl	4-methylcarbonyl	H
methylamino	propyl	acetyl	2-methoxycarbonyl	H
methylamino	propyl	acetyl	3-methoxycarbonyl	H
methylamino	propyl	acetyl	4-methoxycarbonyl	H
methylamino	propyl	acetyl	2-amino	H
methylamino	propyl	acetyl	3-amino	H
methylamino	propyl	acetyl	4-amino	H
methylamino	propyl	acetyl	2-dimethylamino	H
methylamino	propyl	acetyl	3-dimethylamino	H
methylamino	propyl	acetyl	4-dimethylamino	H
methylamino	propyl	acetyl	2-methylamino	H
methylamino	propyl	acetyl	3-methylamino	H
methylamino	propyl	acetyl	4-methylamino	H
methylamino	propyl	acetyl	2-trifluoromethyl	H
methylamino	propyl	acetyl	3-trifluoromethyl	H
methylamino	propyl	acetyl	4-trifluoromethyl	H
methylamino	propyl	acetyl	2-fluoromethyl	H
methylamino	propyl	acetyl	3-fluoromethyl	H
methylamino	propyl	acetyl	4-fluoromethyl	H
methylamino	propyl	acetyl	2-hydroxy	H
methylamino	propyl	acetyl	3-hydroxy	H
methylamino	propyl	acetyl	4-hydroxy	H
methylamino	propyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	propyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	propyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	propyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	propyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	propyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	propyl	acetyl	4-chloroacetyl	H
methylamino	propyl	acetyl	3-chloroacetyl	H
methylamino	propyl	acetyl	2-chloroacetyl	H
methylamino	propyl	acetyl	4-ethoxycarbonyl	H
methylamino	propyl	acetyl	3-ethoxycarbonyl	H
methylamino	propyl	acetyl	2-ethoxycarbonyl	H
methylamino	propyl	acetyl	4-carboxy	H
methylamino	propyl	acetyl	3-carboxy	H
methylamino	propyl	acetyl	2-carboxy	H
methylamino	propyl	acetyl	4-chloromethoxy	H
methylamino	propyl	acetyl	3-chloromethoxy	H
methylamino	propyl	acetyl	2-chloromethoxy	H

続く

【表 123】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	acetyl	2-chloro	H
methylamino	butyl	acetyl	3-chloro	H
methylamino	butyl	acetyl	4-chloro	H
methylamino	butyl	acetyl	2-fluoro	H
methylamino	butyl	acetyl	3-fluoro	H
methylamino	butyl	acetyl	4-fluoro	H
methylamino	butyl	acetyl	2-bromo	H
methylamino	butyl	acetyl	3-bromo	H
methylamino	butyl	acetyl	4-bromo	H
methylamino	butyl	acetyl	2-nitro	H
methylamino	butyl	acetyl	3-nitro	H
methylamino	butyl	acetyl	4-nitro	H
methylamino	butyl	acetyl	2-methoxy	H
methylamino	butyl	acetyl	3-methoxy	H
methylamino	butyl	acetyl	4-methoxy	H
methylamino	butyl	acetyl	2-chloro	4-chloro
methylamino	butyl	acetyl	3-chloro	4-chloro
methylamino	butyl	acetyl	2-fluoro	4-fluoro
methylamino	butyl	acetyl	3-fluoro	4-fluoro
methylamino	butyl	acetyl	2-bromo	4-bromo
methylamino	butyl	acetyl	3-bromo	4-bromo
methylamino	butyl	acetyl	2-methoxy	4-methoxy
methylamino	butyl	acetyl	3-methoxy	4-methoxy
methylamino	butyl	acetyl	2-acetyl	H
methylamino	butyl	acetyl	3-acetyl	H
methylamino	butyl	acetyl	4-acetyl	H
methylamino	butyl	acetyl	2-benzoyl	H
methylamino	butyl	acetyl	3-benzoyl	H
methylamino	butyl	acetyl	4-benzoyl	H
methylamino	butyl	acetyl	2-cyano	H
methylamino	butyl	acetyl	3-cyano	H
methylamino	butyl	acetyl	4-cyano	H
methylamino	butyl	acetyl	2-carbamoyl	H
methylamino	butyl	acetyl	3-carbamoyl	H
methylamino	butyl	acetyl	4-carbamoyl	H
methylamino	butyl	acetyl	2-dimethylcarbamoyl	H
methylamino	butyl	acetyl	3-dimethylcarbamoyl	H
methylamino	butyl	acetyl	4-dimethylcarbamoyl	H
methylamino	butyl	acetyl	2-methylcarbamoyl	H
methylamino	butyl	acetyl	3-methylcarbamoyl	H

続<

【表124】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	acetyl	4-methylcarbonyl	H
methylamino	butyl	acetyl	2-methoxycarbonyl	H
methylamino	butyl	acetyl	3-methoxycarbonyl	H
methylamino	butyl	acetyl	4-methoxycarbonyl	H
methylamino	butyl	acetyl	2-amino	H
methylamino	butyl	acetyl	3-amino	H
methylamino	butyl	acetyl	4-amino	H
methylamino	butyl	acetyl	2-dimethylamino	H
methylamino	butyl	acetyl	3-dimethylamino	H
methylamino	butyl	acetyl	4-dimethylamino	H
methylamino	butyl	acetyl	2-methylamino	H
methylamino	butyl	acetyl	3-methylamino	H
methylamino	butyl	acetyl	4-methylamino	H
methylamino	butyl	acetyl	2-trifluoromethyl	H
methylamino	butyl	acetyl	3-trifluoromethyl	H
methylamino	butyl	acetyl	4-trifluoromethyl	H
methylamino	butyl	acetyl	2-fluoromethyl	H
methylamino	butyl	acetyl	3-fluoromethyl	H
methylamino	butyl	acetyl	4-fluoromethyl	H
methylamino	butyl	acetyl	2-hydroxy	H
methylamino	butyl	acetyl	3-hydroxy	H
methylamino	butyl	acetyl	4-hydroxy	H
methylamino	butyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	butyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	butyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	butyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	butyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	butyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	butyl	acetyl	4-chloroacetyl	H
methylamino	butyl	acetyl	3-chloroacetyl	H
methylamino	butyl	acetyl	2-chloroacetyl	H
methylamino	butyl	acetyl	4-ethoxycarbonyl	H
methylamino	butyl	acetyl	3-ethoxycarbonyl	H
methylamino	butyl	acetyl	2-ethoxycarbonyl	H
methylamino	butyl	acetyl	4-carboxy	H
methylamino	butyl	acetyl	3-carboxy	H
methylamino	butyl	acetyl	2-carboxy	H
methylamino	butyl	acetyl	4-chloromethoxy	H
methylamino	butyl	acetyl	3-chloromethoxy	H
methylamino	butyl	acetyl	2-chloromethoxy	H

続<

【表125】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	acetyl	2-chloro	H
methylamino	benzyl	acetyl	3-chloro	H
methylamino	benzyl	acetyl	4-chloro	H
methylamino	benzyl	acetyl	2-fluoro	H
methylamino	benzyl	acetyl	3-fluoro	H
methylamino	benzyl	acetyl	4-fluoro	H
methylamino	benzyl	acetyl	2-bromo	H
methylamino	benzyl	acetyl	3-bromo	H
methylamino	benzyl	acetyl	4-bromo	H
methylamino	benzyl	acetyl	2-nitro	H
methylamino	benzyl	acetyl	3-nitro	H
methylamino	benzyl	acetyl	4-nitro	H
methylamino	benzyl	acetyl	2-methoxy	H
methylamino	benzyl	acetyl	3-methoxy	H
methylamino	benzyl	acetyl	4-methoxy	H
methylamino	benzyl	acetyl	2-chloro	4-chloro
methylamino	benzyl	acetyl	3-chloro	4-chloro
methylamino	benzyl	acetyl	2-fluoro	4-fluoro
methylamino	benzyl	acetyl	3-fluoro	4-fluoro
methylamino	benzyl	acetyl	2-bromo	4-bromo
methylamino	benzyl	acetyl	3-bromo	4-bromo
methylamino	benzyl	acetyl	2-methoxy	4-methoxy
methylamino	benzyl	acetyl	3-methoxy	4-methoxy
methylamino	benzyl	acetyl	2-acetyl	H
methylamino	benzyl	acetyl	3-acetyl	H
methylamino	benzyl	acetyl	4-acetyl	H
methylamino	benzyl	acetyl	2-benzoyl	H
methylamino	benzyl	acetyl	3-benzoyl	H
methylamino	benzyl	acetyl	4-benzoyl	H
methylamino	benzyl	acetyl	2-cyano	H
methylamino	benzyl	acetyl	3-cyano	H
methylamino	benzyl	acetyl	4-cyano	H
methylamino	benzyl	acetyl	2-carbamoyl	H
methylamino	benzyl	acetyl	3-carbamoyl	H
methylamino	benzyl	acetyl	4-carbamoyl	H
methylamino	benzyl	acetyl	2-dimethylcarbamoyl	H
methylamino	benzyl	acetyl	3-dimethylcarbamoyl	H
methylamino	benzyl	acetyl	4-dimethylcarbamoyl	H
methylamino	benzyl	acetyl	2-methylcarbamoyl	H
methylamino	benzyl	acetyl	3-methylcarbamoyl	H

続<

【表126】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	acetyl	4-methylcarbamoyl	H
methylamino	benzyl	acetyl	2-methoxycarbonyl	H
methylamino	benzyl	acetyl	3-methoxycarbonyl	H
methylamino	benzyl	acetyl	4-methoxycarbonyl	H
methylamino	benzyl	acetyl	2-amino	H
methylamino	benzyl	acetyl	3-amino	H
methylamino	benzyl	acetyl	4-amino	H
methylamino	benzyl	acetyl	2-dimethylamino	H
methylamino	benzyl	acetyl	3-dimethylamino	H
methylamino	benzyl	acetyl	4-dimethylamino	H
methylamino	benzyl	acetyl	2-methylamino	H
methylamino	benzyl	acetyl	3-methylamino	H
methylamino	benzyl	acetyl	4-methylamino	H
methylamino	benzyl	acetyl	2-trifluoromethyl	H
methylamino	benzyl	acetyl	3-trifluoromethyl	H
methylamino	benzyl	acetyl	4-trifluoromethyl	H
methylamino	benzyl	acetyl	2-fluoromethyl	H
methylamino	benzyl	acetyl	3-fluoromethyl	H
methylamino	benzyl	acetyl	4-fluoromethyl	H
methylamino	benzyl	acetyl	2-hydroxy	H
methylamino	benzyl	acetyl	3-hydroxy	H
methylamino	benzyl	acetyl	4-hydroxy	H
methylamino	benzyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	benzyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	benzyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	benzyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	benzyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	benzyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	benzyl	acetyl	4-chloroacetyl	H
methylamino	benzyl	acetyl	3-chloroacetyl	H
methylamino	benzyl	acetyl	2-chloroacetyl	H
methylamino	benzyl	acetyl	4-ethoxycarbonyl	H
methylamino	benzyl	acetyl	3-ethoxycarbonyl	H
methylamino	benzyl	acetyl	2-ethoxycarbonyl	H
methylamino	benzyl	acetyl	4-carboxy	H
methylamino	benzyl	acetyl	3-carboxy	H
methylamino	benzyl	acetyl	2-carboxy	H
methylamino	benzyl	acetyl	4-chloromethoxy	H
methylamino	benzyl	acetyl	3-chloromethoxy	H
methylamino	benzyl	acetyl	2-chloromethoxy	H

続く

【表127】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	acetyl	3-chloro	H
methylamino	cyclohexylmethyl	acetyl	3-chloro	H
methylamino	cyclohexylmethyl	acetyl	4-chloro	H
methylamino	cyclohexylmethyl	acetyl	2-fluoro	H
methylamino	cyclohexylmethyl	acetyl	3-fluoro	H
methylamino	cyclohexylmethyl	acetyl	4-fluoro	H
methylamino	cyclohexylmethyl	acetyl	2-bromo	H
methylamino	cyclohexylmethyl	acetyl	3-bromo	H
methylamino	cyclohexylmethyl	acetyl	4-bromo	H
methylamino	cyclohexylmethyl	acetyl	2-nitro	H
methylamino	cyclohexylmethyl	acetyl	3-nitro	H
methylamino	cyclohexylmethyl	acetyl	4-nitro	H
methylamino	cyclohexylmethyl	acetyl	2-methoxy	H
methylamino	cyclohexylmethyl	acetyl	3-methoxy	H
methylamino	cyclohexylmethyl	acetyl	4-methoxy	H
methylamino	cyclohexylmethyl	acetyl	2-chloro	4-chloro
methylamino	cyclohexylmethyl	acetyl	3-chloro	4-chloro
methylamino	cyclohexylmethyl	acetyl	2-fluoro	4-fluoro
methylamino	cyclohexylmethyl	acetyl	3-fluoro	4-fluoro
methylamino	cyclohexylmethyl	acetyl	2-bromo	4-bromo
methylamino	cyclohexylmethyl	acetyl	3-bromo	4-bromo
methylamino	cyclohexylmethyl	acetyl	2-methoxy	4-methoxy
methylamino	cyclohexylmethyl	acetyl	3-methoxy	4-methoxy
methylamino	cyclohexylmethyl	acetyl	2-acetyl	H
methylamino	cyclohexylmethyl	acetyl	3-acetyl	H
methylamino	cyclohexylmethyl	acetyl	4-acetyl	H
methylamino	cyclohexylmethyl	acetyl	2-benzoyl	H
methylamino	cyclohexylmethyl	acetyl	3-benzoyl	H
methylamino	cyclohexylmethyl	acetyl	4-benzoyl	H
methylamino	cyclohexylmethyl	acetyl	2-cyano	H
methylamino	cyclohexylmethyl	acetyl	3-cyano	H
methylamino	cyclohexylmethyl	acetyl	4-cyano	H
methylamino	cyclohexylmethyl	acetyl	2-carbamoyl	H
methylamino	cyclohexylmethyl	acetyl	3-carbamoyl	H
methylamino	cyclohexylmethyl	acetyl	4-carbamoyl	H
methylamino	cyclohexylmethyl	acetyl	2-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	acetyl	3-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	acetyl	4-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	acetyl	2-methylcarbamoyl	H
methylamino	cyclohexylmethyl	acetyl	3-methylcarbamoyl	H

続く

【表128】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	acetyl	4-methylcarbamoyl	H
methylamino	cyclohexylmethyl	acetyl	2-methoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	3-methoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	4-methoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	2-amino	H
methylamino	cyclohexylmethyl	acetyl	3-amino	H
methylamino	cyclohexylmethyl	acetyl	4-amino	H
methylamino	cyclohexylmethyl	acetyl	2-dimethylamino	H
methylamino	cyclohexylmethyl	acetyl	3-dimethylamino	H
methylamino	cyclohexylmethyl	acetyl	4-dimethylamino	H
methylamino	cyclohexylmethyl	acetyl	2-methylamino	H
methylamino	cyclohexylmethyl	acetyl	3-methylamino	H
methylamino	cyclohexylmethyl	acetyl	4-methylamino	H
methylamino	cyclohexylmethyl	acetyl	2-trifluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	3-trifluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	4-trifluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	2-fluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	3-fluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	4-fluoromethyl	H
methylamino	cyclohexylmethyl	acetyl	2-hydroxy	H
methylamino	cyclohexylmethyl	acetyl	3-hydroxy	H
methylamino	cyclohexylmethyl	acetyl	4-hydroxy	H
methylamino	cyclohexylmethyl	acetyl	4-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	3-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	2-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	4-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	3-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	2-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	acetyl	4-chloroacetyl	H
methylamino	cyclohexylmethyl	acetyl	3-chloroacetyl	H
methylamino	cyclohexylmethyl	acetyl	2-chloroacetyl	H
methylamino	cyclohexylmethyl	acetyl	4-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	3-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	2-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	acetyl	4-carboxy	H
methylamino	cyclohexylmethyl	acetyl	3-carboxy	H
methylamino	cyclohexylmethyl	acetyl	2-carboxy	H
methylamino	cyclohexylmethyl	acetyl	4-chloromethoxy	H
methylamino	cyclohexylmethyl	acetyl	3-chloromethoxy	H
methylamino	cyclohexylmethyl	acetyl	2-chloromethoxy	H

続く

【表129】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	H	acetyl	H	H
dimethylamino	methyl	acetyl	H	H
dimethylamino	ethyl	acetyl	H	H
dimethylamino	propyl	acetyl	H	H
dimethylamino	methylethyl	acetyl	H	H
dimethylamino	butyl	acetyl	H	H
dimethylamino	1-methylpropyl	acetyl	H	H
dimethylamino	2-methylpropyl	acetyl	H	H
dimethylamino	dimethylethyl	acetyl	H	H
dimethylamino	pentyl	acetyl	H	H
dimethylamino	1-methylbutyl	acetyl	H	H
dimethylamino	2-methylbutyl	acetyl	H	H
dimethylamino	1,1-dimethylpropyl	acetyl	H	H
dimethylamino	1,2-dimethylpropyl	acetyl	H	H
dimethylamino	2,2-dimethylpropyl	acetyl	H	H
dimethylamino	hexyl	acetyl	H	H
dimethylamino	1-methylpentyl	acetyl	H	H
dimethylamino	2-methylpentyl	acetyl	H	H
dimethylamino	3-methylpentyl	acetyl	H	H
dimethylamino	4-methylpentyl	acetyl	H	H
dimethylamino	1,1-dimethylbutyl	acetyl	H	H
dimethylamino	1,2-dimethylbutyl	acetyl	H	H
dimethylamino	1,3-dimethylbutyl	acetyl	H	H
dimethylamino	2,2-dimethylbutyl	acetyl	H	H
dimethylamino	2,3-dimethylbutyl	acetyl	H	H
dimethylamino	3,3-dimethylbutyl	acetyl	H	H
dimethylamino	1-ethylbutyl	acetyl	H	H
dimethylamino	2-ethylbutyl	acetyl	H	H
dimethylamino	1,1,2-trimethylpropyl	acetyl	H	H
dimethylamino	heptyl	acetyl	H	H
dimethylamino	cyclopropyl	acetyl	H	H
dimethylamino	cyclopentyl	acetyl	H	H
dimethylamino	cyclohexyl	acetyl	H	H
dimethylamino	cycloheptyl	acetyl	H	H
dimethylamino	cyclopropylmethyl	acetyl	H	H
dimethylamino	cyclopentylmethyl	acetyl	H	H
dimethylamino	cyclohexylmethyl	acetyl	H	H
dimethylamino	cycloheptylmethyl	acetyl	H	H
dimethylamino	2-methoxyethyl	acetyl	H	H
dimethylamino	3-methoxypropyl	acetyl	H	H

続く

【表130】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	4-methoxybutyl	acetyl	H	H
dimethylamino	5-methoxypentyl	acetyl	H	H
dimethylamino	5-ethoxypentyl	acetyl	H	H
dimethylamino	2-ethoxyethyl	acetyl	H	H
dimethylamino	3-ethoxypropyl	acetyl	H	H
dimethylamino	4-ethoxybutyl	acetyl	H	H
dimethylamino	2-carboxyethyl	acetyl	H	H
dimethylamino	3-carboxypropyl	acetyl	H	H
dimethylamino	4-carboxybutyl	acetyl	H	H
dimethylamino	5-carboxypentyl	acetyl	H	H
dimethylamino	2-hydroxyethyl	acetyl	H	H
dimethylamino	3-hydroxypropyl	acetyl	H	H
dimethylamino	4-hydroxybutyl	acetyl	H	H
dimethylamino	5-hydroxypentyl	acetyl	H	H
dimethylamino	2-methoxycarbonyl ethyl	acetyl	H	H
dimethylamino	3-methoxycarbonyl propyl	acetyl	H	H
dimethylamino	4-methoxycarbonyl butyl	acetyl	H	H
dimethylamino	5-methoxycarbonyl pentyl	acetyl	H	H
dimethylamino	2-aminoethyl	acetyl	H	H
dimethylamino	3-aminopropyl	acetyl	H	H
dimethylamino	4-aminobutyl	acetyl	H	H
dimethylamino	5-amino pentyl	acetyl	H	H
dimethylamino	6-amino hexyl	acetyl	H	H
dimethylamino	2-chloroethyl	acetyl	H	H
dimethylamino	3-chloropropyl	acetyl	H	H
dimethylamino	4-chlorobutyl	acetyl	H	H
dimethylamino	5-chloropentyl	acetyl	H	H
dimethylamino	6-chlorohexyl	acetyl	H	H
dimethylamino	2-fluoroethyl	acetyl	H	H
dimethylamino	3-fluoropropyl	acetyl	H	H
dimethylamino	4-fluorobutyl	acetyl	H	H
dimethylamino	5-fluoropentyl	acetyl	H	H
dimethylamino	6-fluorohexyl	acetyl	H	H
dimethylamino	2-carbamoyl ethyl	acetyl	H	H
dimethylamino	3-carbamoyl propyl	acetyl	H	H
dimethylamino	4-carbamoyl butyl	acetyl	H	H
dimethylamino	5-carbamoyl pentyl	acetyl	H	H
dimethylamino	6-carbamoyl hexyl	acetyl	H	H
dimethylamino	3-methylcarbamoyl propyl	acetyl	H	H
dimethylamino	4-methylcarbamoyl butyl	acetyl	H	H
dimethylamino	5-methylcarbamoyl pentyl	acetyl	H	H

続く

【表131】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	acetyl	H	H
dimethylamino	2-phenylethyl	acetyl	H	H
dimethylamino	4-fluorobenzyl	acetyl	H	H
dimethylamino	3-fluorobenzyl	acetyl	H	H
dimethylamino	4-chlorobenzyl	acetyl	H	H
dimethylamino	3-chlorobenzyl	acetyl	H	H
dimethylamino	4-methoxybenzyl	acetyl	H	H
dimethylamino	3-methoxybenzyl	acetyl	H	H
dimethylamino	4-hydroxybenzyl	acetyl	H	H
dimethylamino	3-hydroxybenzyl	acetyl	H	H
dimethylamino	4-methylbenzyl	acetyl	H	H
dimethylamino	3-methylbenzyl	acetyl	H	H
dimethylamino	4-aminobenzyl	acetyl	H	H
dimethylamino	3-aminobenzyl	acetyl	H	H
dimethylamino	4-dimethylaminobenzyl	acetyl	H	H
dimethylamino	3-dimethylaminobenzyl	acetyl	H	H
dimethylamino	4-carbamoylbenzyl	acetyl	H	H
dimethylamino	3-carbamoylbenzyl	acetyl	H	H
dimethylamino	4-methylcarbamoylbenzyl	acetyl	H	H
dimethylamino	3-methylcarbamoylbenzyl	acetyl	H	H
dimethylamino	4-cyanobenzyl	acetyl	H	H
dimethylamino	4-phenoxybenzyl	acetyl	H	H
dimethylamino	phenyl	acetyl	H	H
dimethylamino	4-fluorophenyl	acetyl	H	H
dimethylamino	3-fluorophenyl	acetyl	H	H
dimethylamino	4-chlorophenyl	acetyl	H	H
dimethylamino	3-methoxyphenyl	acetyl	H	H
dimethylamino	3-hydroxyphenyl	acetyl	H	H
dimethylamino	4-methylphenyl	acetyl	H	H
dimethylamino	3-methylphenyl	acetyl	H	H
dimethylamino	4-aminophenyl	acetyl	H	H
dimethylamino	3-aminophenyl	acetyl	H	H
dimethylamino	3-dimethylaminophenyl	acetyl	H	H
dimethylamino	4-dimethylaminophenyl	acetyl	H	H
dimethylamino	3-carbamoylphenyl	acetyl	H	H
dimethylamino	4-carbamoylphenyl	acetyl	H	H
dimethylamino	3-cyanophenyl	acetyl	H	H
dimethylamino	4-cyanophenyl	acetyl	H	H
dimethylamino	3-phenoxyphenyl	acetyl	H	H
dimethylamino	4-phenoxyphenyl	acetyl	H	H

続<

【表132】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	acetyl	2-chloro	H
dimethylamino	methyl	acetyl	3-chloro	H
dimethylamino	methyl	acetyl	4-chloro	H
dimethylamino	methyl	acetyl	2-fluoro	H
dimethylamino	methyl	acetyl	3-fluoro	H
dimethylamino	methyl	acetyl	4-fluoro	H
dimethylamino	methyl	acetyl	2-bromo	H
dimethylamino	methyl	acetyl	3-bromo	H
dimethylamino	methyl	acetyl	4-bromo	H
dimethylamino	methyl	acetyl	2-nitro	H
dimethylamino	methyl	acetyl	3-nitro	H
dimethylamino	methyl	acetyl	4-nitro	H
dimethylamino	methyl	acetyl	2-methoxy	H
dimethylamino	methyl	acetyl	3-methoxy	H
dimethylamino	methyl	acetyl	4-methoxy	H
dimethylamino	methyl	acetyl	2-chloro	4-chloro
dimethylamino	methyl	acetyl	3-chloro	4-chloro
dimethylamino	methyl	acetyl	2-fluoro	4-fluoro
dimethylamino	methyl	acetyl	3-fluoro	4-fluoro
dimethylamino	methyl	acetyl	2-bromo	4-bromo
dimethylamino	methyl	acetyl	3-bromo	4-bromo
dimethylamino	methyl	acetyl	2-methoxy	4-methoxy
dimethylamino	methyl	acetyl	3-methoxy	4-methoxy
dimethylamino	methyl	acetyl	2-acetyl	H
dimethylamino	methyl	acetyl	3-acetyl	H
dimethylamino	methyl	acetyl	4-acetyl	H
dimethylamino	methyl	acetyl	2-benzoyl	H
dimethylamino	methyl	acetyl	3-benzoyl	H
dimethylamino	methyl	acetyl	4-benzoyl	H
dimethylamino	methyl	acetyl	2-cyano	H
dimethylamino	methyl	acetyl	3-cyano	H
dimethylamino	methyl	acetyl	4-cyano	H
dimethylamino	methyl	acetyl	2-carbamoyl	H
dimethylamino	methyl	acetyl	3-carbamoyl	H
dimethylamino	methyl	acetyl	4-carbamoyl	H
dimethylamino	methyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	methyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	methyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	methyl	acetyl	2-methylcarbamoyl	H
dimethylamino	methyl	acetyl	3-methylcarbamoyl	H

続<

【表133】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	acetyl	4-methylcarbamoyl	H
dimethylamino	methyl	acetyl	2-methoxycarbonyl	H
dimethylamino	methyl	acetyl	3-methoxycarbonyl	H
dimethylamino	methyl	acetyl	4-methoxycarbonyl	H
dimethylamino	methyl	acetyl	2-amino	H
dimethylamino	methyl	acetyl	3-amino	H
dimethylamino	methyl	acetyl	4-amino	H
dimethylamino	methyl	acetyl	2-methylamino	H
dimethylamino	methyl	acetyl	3-methylamino	H
dimethylamino	methyl	acetyl	4-methylamino	H
dimethylamino	methyl	acetyl	2-dimethylamino	H
dimethylamino	methyl	acetyl	3-dimethylamino	H
dimethylamino	methyl	acetyl	4-dimethylamino	H
dimethylamino	methyl	acetyl	2-trifluoromethyl	H
dimethylamino	methyl	acetyl	3-trifluoromethyl	H
dimethylamino	methyl	acetyl	4-trifluoromethyl	H
dimethylamino	methyl	acetyl	2-fluoromethyl	H
dimethylamino	methyl	acetyl	3-fluoromethyl	H
dimethylamino	methyl	acetyl	4-fluoromethyl	H
dimethylamino	methyl	acetyl	2-hydroxy	H
dimethylamino	methyl	acetyl	3-hydroxy	H
dimethylamino	methyl	acetyl	4-hydroxy	H
dimethylamino	methyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	methyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	methyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	methyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	methyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	methyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	methyl	acetyl	4-chloroacetyl	H
dimethylamino	methyl	acetyl	3-chloroacetyl	H
dimethylamino	methyl	acetyl	2-chloroacetyl	H
dimethylamino	methyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	methyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	methyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	methyl	acetyl	4-carboxy	H
dimethylamino	methyl	acetyl	3-carboxy	H
dimethylamino	methyl	acetyl	2-carboxy	H
dimethylamino	methyl	acetyl	4-chloromethoxy	H
dimethylamino	methyl	acetyl	3-chloromethoxy	H
dimethylamino	methyl	acetyl	2-chloromethoxy	H

続く

【表134】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	acetyl	2-chloro	H
dimethylamino	ethyl	acetyl	3-chloro	H
dimethylamino	ethyl	acetyl	4-chloro	H
dimethylamino	ethyl	acetyl	2-fluoro	H
dimethylamino	ethyl	acetyl	3-fluoro	H
dimethylamino	ethyl	acetyl	4-fluoro	H
dimethylamino	ethyl	acetyl	2-bromo	H
dimethylamino	ethyl	acetyl	3-bromo	H
dimethylamino	ethyl	acetyl	4-bromo	H
dimethylamino	ethyl	acetyl	2-nitro	H
dimethylamino	ethyl	acetyl	3-nitro	H
dimethylamino	ethyl	acetyl	4-nitro	H
dimethylamino	ethyl	acetyl	2-methoxy	H
dimethylamino	ethyl	acetyl	3-methoxy	H
dimethylamino	ethyl	acetyl	4-methoxy	H
dimethylamino	ethyl	acetyl	2-chloro	4-chloro
dimethylamino	ethyl	acetyl	3-chloro	4-chloro
dimethylamino	ethyl	acetyl	2-fluoro	4-fluoro
dimethylamino	ethyl	acetyl	3-fluoro	4-fluoro
dimethylamino	ethyl	acetyl	2-bromo	4-bromo
dimethylamino	ethyl	acetyl	3-bromo	4-bromo
dimethylamino	ethyl	acetyl	2-methoxy	4-methoxy
dimethylamino	ethyl	acetyl	3-methoxy	4-methoxy
dimethylamino	ethyl	acetyl	2-acetyl	H
dimethylamino	ethyl	acetyl	3-acetyl	H
dimethylamino	ethyl	acetyl	4-acetyl	H
dimethylamino	ethyl	acetyl	2-benzoyl	H
dimethylamino	ethyl	acetyl	3-benzoyl	H
dimethylamino	ethyl	acetyl	4-benzoyl	H
dimethylamino	ethyl	acetyl	2-cyano	H
dimethylamino	ethyl	acetyl	3-cyano	H
dimethylamino	ethyl	acetyl	4-cyano	H
dimethylamino	ethyl	acetyl	2-carbamoyl	H
dimethylamino	ethyl	acetyl	3-carbamoyl	H
dimethylamino	ethyl	acetyl	4-carbamoyl	H
dimethylamino	ethyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	ethyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	ethyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	ethyl	acetyl	2-methylcarbamoyl	H
dimethylamino	ethyl	acetyl	3-methylcarbamoyl	H

続く

【表135】

表1の続き

R'	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	acetyl	4-methylcarbonyl	H
dimethylamino	ethyl	acetyl	2-methoxycarbonyl	H
dimethylamino	ethyl	acetyl	3-methoxycarbonyl	H
dimethylamino	ethyl	acetyl	4-methoxycarbonyl	H
dimethylamino	ethyl	acetyl	2-amino	H
dimethylamino	ethyl	acetyl	3-amino	H
dimethylamino	ethyl	acetyl	4-amino	H
dimethylamino	ethyl	acetyl	2-methylamino	H
dimethylamino	ethyl	acetyl	3-methylamino	H
dimethylamino	ethyl	acetyl	4-methylamino	H
dimethylamino	ethyl	acetyl	2-dimethylamino	H
dimethylamino	ethyl	acetyl	3-dimethylamino	H
dimethylamino	ethyl	acetyl	4-dimethylamino	H
dimethylamino	ethyl	acetyl	2-trifluoromethyl	H
dimethylamino	ethyl	acetyl	3-trifluoromethyl	H
dimethylamino	ethyl	acetyl	4-trifluoromethyl	H
dimethylamino	ethyl	acetyl	2-fluoromethyl	H
dimethylamino	ethyl	acetyl	3-fluoromethyl	H
dimethylamino	ethyl	acetyl	4-fluoromethyl	H
dimethylamino	ethyl	acetyl	2-hydroxy	H
dimethylamino	ethyl	acetyl	3-hydroxy	H
dimethylamino	ethyl	acetyl	4-hydroxy	H
dimethylamino	ethyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	ethyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	ethyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	ethyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	ethyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	ethyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	ethyl	acetyl	4-chloroacetyl	H
dimethylamino	ethyl	acetyl	3-chloroacetyl	H
dimethylamino	ethyl	acetyl	2-chloroacetyl	H
dimethylamino	ethyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	ethyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	ethyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	ethyl	acetyl	4-carboxy	H
dimethylamino	ethyl	acetyl	3-carboxy	H
dimethylamino	ethyl	acetyl	2-carboxy	H
dimethylamino	ethyl	acetyl	4-chloromethoxy	H
dimethylamino	ethyl	acetyl	3-chloromethoxy	H
dimethylamino	ethyl	acetyl	2-chloromethoxy	H

続く

【表136】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	acetyl	2-chloro	H
dimethylamino	propyl	acetyl	3-chloro	H
dimethylamino	propyl	acetyl	4-chloro	H
dimethylamino	propyl	acetyl	2-fluoro	H
dimethylamino	propyl	acetyl	3-fluoro	H
dimethylamino	propyl	acetyl	4-fluoro	H
dimethylamino	propyl	acetyl	2-bromo	H
dimethylamino	propyl	acetyl	3-bromo	H
dimethylamino	propyl	acetyl	4-bromo	H
dimethylamino	propyl	acetyl	2-nitro	H
dimethylamino	propyl	acetyl	3-nitro	H
dimethylamino	propyl	acetyl	4-nitro	H
dimethylamino	propyl	acetyl	2-methoxy	H
dimethylamino	propyl	acetyl	3-methoxy	H
dimethylamino	propyl	acetyl	4-methoxy	H
dimethylamino	propyl	acetyl	2-chloro	4-chloro
dimethylamino	propyl	acetyl	3-chloro	4-chloro
dimethylamino	propyl	acetyl	2-fluoro	4-fluoro
dimethylamino	propyl	acetyl	3-fluoro	4-fluoro
dimethylamino	propyl	acetyl	2-bromo	4-bromo
dimethylamino	propyl	acetyl	3-bromo	4-bromo
dimethylamino	propyl	acetyl	2-methoxy	4-methoxy
dimethylamino	propyl	acetyl	3-methoxy	4-methoxy
dimethylamino	propyl	acetyl	2-acetyl	H
dimethylamino	propyl	acetyl	3-acetyl	H
dimethylamino	propyl	acetyl	4-acetyl	H
dimethylamino	propyl	acetyl	2-benzoyl	H
dimethylamino	propyl	acetyl	3-benzoyl	H
dimethylamino	propyl	acetyl	4-benzoyl	H
dimethylamino	propyl	acetyl	2-cyano	H
dimethylamino	propyl	acetyl	3-cyano	H
dimethylamino	propyl	acetyl	4-cyano	H
dimethylamino	propyl	acetyl	2-carbamoyl	H
dimethylamino	propyl	acetyl	3-carbamoyl	H
dimethylamino	propyl	acetyl	4-carbamoyl	H
dimethylamino	propyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	propyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	propyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	propyl	acetyl	2-methylcarbamoyl	H
dimethylamino	propyl	acetyl	3-methylcarbamoyl	H

続く

[表137]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	acetyl	4-methylcarbamoyl	H
dimethylamino	propyl	acetyl	2-methoxycarbonyl	H
dimethylamino	propyl	acetyl	3-methoxycarbonyl	H
dimethylamino	propyl	acetyl	4-methoxycarbonyl	H
dimethylamino	propyl	acetyl	2-amino	H
dimethylamino	propyl	acetyl	3-amino	H
dimethylamino	propyl	acetyl	4-amino	H
dimethylamino	propyl	acetyl	2-methylamino	H
dimethylamino	propyl	acetyl	3-methylamino	H
dimethylamino	propyl	acetyl	4-methylamino	H
dimethylamino	propyl	acetyl	2-dimethylamino	H
dimethylamino	propyl	acetyl	3-dimethylamino	H
dimethylamino	propyl	acetyl	4-dimethylamino	H
dimethylamino	propyl	acetyl	2-trifluoromethyl	H
dimethylamino	propyl	acetyl	3-trifluoromethyl	H
dimethylamino	propyl	acetyl	4-trifluoromethyl	H
dimethylamino	propyl	acetyl	2-fluoromethyl	H
dimethylamino	propyl	acetyl	3-fluoromethyl	H
dimethylamino	propyl	acetyl	4-fluoromethyl	H
dimethylamino	propyl	acetyl	2-hydroxy	H
dimethylamino	propyl	acetyl	3-hydroxy	H
dimethylamino	propyl	acetyl	4-hydroxy	H
dimethylamino	propyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	propyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	propyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	propyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	propyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	propyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	propyl	acetyl	4-chloroacetyl	H
dimethylamino	propyl	acetyl	3-chloroacetyl	H
dimethylamino	propyl	acetyl	2-chloroacetyl	H
dimethylamino	propyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	propyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	propyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	propyl	acetyl	4-carboxy	H
dimethylamino	propyl	acetyl	3-carboxy	H
dimethylamino	propyl	acetyl	2-carboxy	H
dimethylamino	propyl	acetyl	4-chloromethoxy	H
dimethylamino	propyl	acetyl	3-chloromethoxy	H
dimethylamino	propyl	acetyl	2-chloromethoxy	H

続<

【表138】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	acetyl	2-chloro	H
dimethylamino	butyl	acetyl	3-chloro	H
dimethylamino	butyl	acetyl	4-chloro	H
dimethylamino	butyl	acetyl	2-fluoro	H
dimethylamino	butyl	acetyl	3-fluoro	H
dimethylamino	butyl	acetyl	4-fluoro	H
dimethylamino	butyl	acetyl	2-bromo	H
dimethylamino	butyl	acetyl	3-bromo	H
dimethylamino	butyl	acetyl	4-bromo	H
dimethylamino	butyl	acetyl	2-nitro	H
dimethylamino	butyl	acetyl	3-nitro	H
dimethylamino	butyl	acetyl	4-nitro	H
dimethylamino	butyl	acetyl	2-methoxy	H
dimethylamino	butyl	acetyl	3-methoxy	H
dimethylamino	butyl	acetyl	4-methoxy	H
dimethylamino	butyl	acetyl	2-chloro	4-chloro
dimethylamino	butyl	acetyl	3-chloro	4-chloro
dimethylamino	butyl	acetyl	2-fluoro	4-fluoro
dimethylamino	butyl	acetyl	3-fluoro	4-fluoro
dimethylamino	butyl	acetyl	2-bromo	4-bromo
dimethylamino	butyl	acetyl	3-bromo	4-bromo
dimethylamino	butyl	acetyl	2-methoxy	4-methoxy
dimethylamino	butyl	acetyl	3-methoxy	4-methoxy
dimethylamino	butyl	acetyl	2-acetyl	H
dimethylamino	butyl	acetyl	3-acetyl	H
dimethylamino	butyl	acetyl	4-acetyl	H
dimethylamino	butyl	acetyl	2-benzoyl	H
dimethylamino	butyl	acetyl	3-benzoyl	H
dimethylamino	butyl	acetyl	4-benzoyl	H
dimethylamino	butyl	acetyl	2-cyano	H
dimethylamino	butyl	acetyl	3-cyano	H
dimethylamino	butyl	acetyl	4-cyano	H
dimethylamino	butyl	acetyl	2-carbamoyl	H
dimethylamino	butyl	acetyl	3-carbamoyl	H
dimethylamino	butyl	acetyl	4-carbamoyl	H
dimethylamino	butyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	butyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	butyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	butyl	acetyl	2-methylcarbamoyl	H
dimethylamino	butyl	acetyl	3-methylcarbamoyl	H

続く

[表139]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	acetyl	4-methylcarbamoyl	H
dimethylamino	butyl	acetyl	2-methoxycarbonyl	H
dimethylamino	butyl	acetyl	3-methoxycarbonyl	H
dimethylamino	butyl	acetyl	4-methoxycarbonyl	H
dimethylamino	butyl	acetyl	2-amino	H
dimethylamino	butyl	acetyl	3-amino	H
dimethylamino	butyl	acetyl	4-amino	H
dimethylamino	butyl	acetyl	2-methylamino	H
dimethylamino	butyl	acetyl	3-methylamino	H
dimethylamino	butyl	acetyl	4-methylamino	H
dimethylamino	butyl	acetyl	2-dimethylamino	H
dimethylamino	butyl	acetyl	3-dimethylamino	H
dimethylamino	butyl	acetyl	4-dimethylamino	H
dimethylamino	butyl	acetyl	2-trifluoromethyl	H
dimethylamino	butyl	acetyl	3-trifluoromethyl	H
dimethylamino	butyl	acetyl	4-trifluoromethyl	H
dimethylamino	butyl	acetyl	2-fluoromethyl	H
dimethylamino	butyl	acetyl	3-fluoromethyl	H
dimethylamino	butyl	acetyl	4-fluoromethyl	H
dimethylamino	butyl	acetyl	2-hydroxy	H
dimethylamino	butyl	acetyl	3-hydroxy	H
dimethylamino	butyl	acetyl	4-hydroxy	H
dimethylamino	butyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	butyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	butyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	butyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	butyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	butyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	butyl	acetyl	4-chloroacetyl	H
dimethylamino	butyl	acetyl	3-chloroacetyl	H
dimethylamino	butyl	acetyl	2-chloroacetyl	H
dimethylamino	butyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	butyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	butyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	butyl	acetyl	4-carboxy	H
dimethylamino	butyl	acetyl	3-carboxy	H
dimethylamino	butyl	acetyl	2-carboxy	H
dimethylamino	butyl	acetyl	4-chloromethoxy	H
dimethylamino	butyl	acetyl	3-chloromethoxy	H
dimethylamino	butyl	acetyl	2-chloromethoxy	H

続く

【表140】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	acetyl	2-chloro	H
dimethylamino	benzyl	acetyl	3-chloro	H
dimethylamino	benzyl	acetyl	4-chloro	H
dimethylamino	benzyl	acetyl	2-fluoro	H
dimethylamino	benzyl	acetyl	3-fluoro	H
dimethylamino	benzyl	acetyl	4-fluoro	H
dimethylamino	benzyl	acetyl	2-bromo	H
dimethylamino	benzyl	acetyl	3-bromo	H
dimethylamino	benzyl	acetyl	4-bromo	H
dimethylamino	benzyl	acetyl	2-nitro	H
dimethylamino	benzyl	acetyl	3-nitro	H
dimethylamino	benzyl	acetyl	4-nitro	H
dimethylamino	benzyl	acetyl	2-methoxy	H
dimethylamino	benzyl	acetyl	3-methoxy	H
dimethylamino	benzyl	acetyl	4-methoxy	H
dimethylamino	benzyl	acetyl	2-chloro	4-chloro
dimethylamino	benzyl	acetyl	3-chloro	4-chloro
dimethylamino	benzyl	acetyl	2-fluoro	4-fluoro
dimethylamino	benzyl	acetyl	3-fluoro	4-fluoro
dimethylamino	benzyl	acetyl	2-bromo	4-bromo
dimethylamino	benzyl	acetyl	3-bromo	4-bromo
dimethylamino	benzyl	acetyl	2-methoxy	4-methoxy
dimethylamino	benzyl	acetyl	3-methoxy	4-methoxy
dimethylamino	benzyl	acetyl	2-acetyl	H
dimethylamino	benzyl	acetyl	3-acetyl	H
dimethylamino	benzyl	acetyl	4-acetyl	H
dimethylamino	benzyl	acetyl	2-benzoyl	H
dimethylamino	benzyl	acetyl	3-benzoyl	H
dimethylamino	benzyl	acetyl	4-benzoyl	H
dimethylamino	benzyl	acetyl	2-cyano	H
dimethylamino	benzyl	acetyl	3-cyano	H
dimethylamino	benzyl	acetyl	4-cyano	H
dimethylamino	benzyl	acetyl	2-carbamoyl	H
dimethylamino	benzyl	acetyl	3-carbamoyl	H
dimethylamino	benzyl	acetyl	4-carbamoyl	H
dimethylamino	benzyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	benzyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	benzyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	benzyl	acetyl	2-methylcarbamoyl	H
dimethylamino	benzyl	acetyl	3-methylcarbamoyl	H

続<

【0068】

【表141】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	acetyl	4-methylcarbamoyl	H
dimethylamino	benzyl	acetyl	2-methoxycarbonyl	H
dimethylamino	benzyl	acetyl	3-methoxycarbonyl	H
dimethylamino	benzyl	acetyl	4-methoxycarbonyl	H
dimethylamino	benzyl	acetyl	2-amino	H
dimethylamino	benzyl	acetyl	3-amino	H
dimethylamino	benzyl	acetyl	4-amino	H
dimethylamino	benzyl	acetyl	2-methylamino	H
dimethylamino	benzyl	acetyl	3-methylamino	H
dimethylamino	benzyl	acetyl	4-methylamino	H
dimethylamino	benzyl	acetyl	2-dimethylamino	H
dimethylamino	benzyl	acetyl	3-dimethylamino	H
dimethylamino	benzyl	acetyl	4-dimethylamino	H
dimethylamino	benzyl	acetyl	2-trifluoromethyl	H
dimethylamino	benzyl	acetyl	3-trifluoromethyl	H
dimethylamino	benzyl	acetyl	4-trifluoromethyl	H
dimethylamino	benzyl	acetyl	2-fluoromethyl	H
dimethylamino	benzyl	acetyl	3-fluoromethyl	H
dimethylamino	benzyl	acetyl	4-fluoromethyl	H
dimethylamino	benzyl	acetyl	2-hydroxy	H
dimethylamino	benzyl	acetyl	3-hydroxy	H
dimethylamino	benzyl	acetyl	4-hydroxy	H
dimethylamino	benzyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	benzyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	benzyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	benzyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	benzyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	benzyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	benzyl	acetyl	4-chloroacetyl	H
dimethylamino	benzyl	acetyl	3-chloroacetyl	H
dimethylamino	benzyl	acetyl	2-chloroacetyl	H
dimethylamino	benzyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	benzyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	benzyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	benzyl	acetyl	4-carboxy	H
dimethylamino	benzyl	acetyl	3-carboxy	H
dimethylamino	benzyl	acetyl	2-carboxy	H
dimethylamino	benzyl	acetyl	4-chloromethoxy	H
dimethylamino	benzyl	acetyl	3-chloromethoxy	H
dimethylamino	benzyl	acetyl	2-chloromethoxy	H

続く

【表142】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	acetyl	3-chloro	H
dimethylamino	cyclohexylmethyl	acetyl	3-chloro	H
dimethylamino	cyclohexylmethyl	acetyl	4-chloro	H
dimethylamino	cyclohexylmethyl	acetyl	2-fluoro	H
dimethylamino	cyclohexylmethyl	acetyl	3-fluoro	H
dimethylamino	cyclohexylmethyl	acetyl	4-fluoro	H
dimethylamino	cyclohexylmethyl	acetyl	2-bromo	H
dimethylamino	cyclohexylmethyl	acetyl	3-bromo	H
dimethylamino	cyclohexylmethyl	acetyl	4-bromo	H
dimethylamino	cyclohexylmethyl	acetyl	2-nitro	H
dimethylamino	cyclohexylmethyl	acetyl	3-nitro	H
dimethylamino	cyclohexylmethyl	acetyl	4-nitro	H
dimethylamino	cyclohexylmethyl	acetyl	2-methoxy	H
dimethylamino	cyclohexylmethyl	acetyl	3-methoxy	H
dimethylamino	cyclohexylmethyl	acetyl	4-methoxy	H
dimethylamino	cyclohexylmethyl	acetyl	2-chloro	4-chloro
dimethylamino	cyclohexylmethyl	acetyl	3-chloro	4-chloro
dimethylamino	cyclohexylmethyl	acetyl	2-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	acetyl	3-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	acetyl	2-bromo	4-bromo
dimethylamino	cyclohexylmethyl	acetyl	3-bromo	4-bromo
dimethylamino	cyclohexylmethyl	acetyl	2-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	acetyl	3-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	acetyl	2-acetyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-acetyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-acetyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-benzoyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-benzoyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-benzoyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-cyano	H
dimethylamino	cyclohexylmethyl	acetyl	3-cyano	H
dimethylamino	cyclohexylmethyl	acetyl	4-cyano	H
dimethylamino	cyclohexylmethyl	acetyl	2-carbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-carbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-carbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-methylcarbamoyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-methylcarbamoyl	H

続<

【表143】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	acetyl	4-methylcarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-amino	H
dimethylamino	cyclohexylmethyl	acetyl	3-amino	H
dimethylamino	cyclohexylmethyl	acetyl	4-amino	H
dimethylamino	cyclohexylmethyl	acetyl	2-methylamino	H
dimethylamino	cyclohexylmethyl	acetyl	3-methylamino	H
dimethylamino	cyclohexylmethyl	acetyl	4-methylamino	H
dimethylamino	cyclohexylmethyl	acetyl	2-dimethylamino	H
dimethylamino	cyclohexylmethyl	acetyl	3-dimethylamino	H
dimethylamino	cyclohexylmethyl	acetyl	4-dimethylamino	H
dimethylamino	cyclohexylmethyl	acetyl	2-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-fluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-fluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-fluoromethyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-hydroxy	H
dimethylamino	cyclohexylmethyl	acetyl	3-hydroxy	H
dimethylamino	cyclohexylmethyl	acetyl	4-hydroxy	H
dimethylamino	cyclohexylmethyl	acetyl	4-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	3-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	2-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	4-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	3-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	2-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	acetyl	4-chloroacetyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-chloroacetyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-chloroacetyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	3-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	2-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	acetyl	4-carboxy	H
dimethylamino	cyclohexylmethyl	acetyl	3-carboxy	H
dimethylamino	cyclohexylmethyl	acetyl	2-carboxy	H
dimethylamino	cyclohexylmethyl	acetyl	4-chloromethoxy	H
dimethylamino	cyclohexylmethyl	acetyl	3-chloromethoxy	H
dimethylamino	cyclohexylmethyl	acetyl	2-chloromethoxy	H

続

【表144】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	H	acetyl	H	H
ethylamino	methyl	acetyl	H	H
ethylamino	ethyl	acetyl	H	H
ethylamino	propyl	acetyl	H	H
ethylamino	methylethyl	acetyl	H	H
ethylamino	butyl	acetyl	H	H
ethylamino	1-methylpropyl	acetyl	H	H
ethylamino	2-methylpropyl	acetyl	H	H
ethylamino	dimethylethyl	acetyl	H	H
ethylamino	pentyl	acetyl	H	H
ethylamino	1-methylbutyl	acetyl	H	H
ethylamino	2-methylbutyl	acetyl	H	H
ethylamino	1,1-dimethylpropyl	acetyl	H	H
ethylamino	1,2-dimethylpropyl	acetyl	H	H
ethylamino	2,2-dimethylpropyl	acetyl	H	H
ethylamino	hexyl	acetyl	H	H
ethylamino	1-methylpentyl	acetyl	H	H
ethylamino	2-methylpentyl	acetyl	H	H
ethylamino	3-methylpentyl	acetyl	H	H
ethylamino	4-methylpentyl	acetyl	H	H
ethylamino	1,1-dimethylbutyl	acetyl	H	H
ethylamino	1,2-dimethylbutyl	acetyl	H	H
ethylamino	1,3-dimethylbutyl	acetyl	H	H
ethylamino	2,2-dimethylbutyl	acetyl	H	H
ethylamino	2,3-dimethylbutyl	acetyl	H	H
ethylamino	3,3-dimethylbutyl	acetyl	H	H
ethylamino	1-ethylbutyl	acetyl	H	H
ethylamino	2-ethylbutyl	acetyl	H	H
ethylamino	1,1,2-trimethylpropyl	acetyl	H	H
ethylamino	heptyl	acetyl	H	H
ethylamino	cyclopropyl	acetyl	H	H
ethylamino	cyclopentyl	acetyl	H	H
ethylamino	cyclohexyl	acetyl	H	H
ethylamino	cycloheptyl	acetyl	H	H
ethylamino	cyclopropylmethyl	acetyl	H	H
ethylamino	cyclopentylmethyl	acetyl	H	H
ethylamino	cyclohexylmethyl	acetyl	H	H
ethylamino	cycloheptylmethyl	acetyl	H	H
ethylamino	2-methoxyethyl	acetyl	H	H
ethylamino	3-methoxypropyl	acetyl	H	H

続<

【表145】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	4-methoxybutyl	acetyl	H	H
ethylamino	5-methoxypentyl	acetyl	H	H
ethylamino	5-ethoxyethyl	acetyl	H	H
ethylamino	2-ethoxyethyl	acetyl	H	H
ethylamino	3-ethoxypropyl	acetyl	H	H
ethylamino	4-ethoxybutyl	acetyl	H	H
ethylamino	2-carboxyethyl	acetyl	H	H
ethylamino	3-carboxypropyl	acetyl	H	H
ethylamino	4-carboxybutyl	acetyl	H	H
ethylamino	5-carboxypentyl	acetyl	H	H
ethylamino	2-hydroxyethyl	acetyl	H	H
ethylamino	3-hydroxypropyl	acetyl	H	H
ethylamino	4-hydroxybutyl	acetyl	H	H
ethylamino	5-hydroxypentyl	acetyl	H	H
ethylamino	2-methoxycarbonyl	acetyl	H	H
ethylamino	3-methoxycarbonylpropyl	acetyl	H	H
ethylamino	4-methoxycarbonylbutyl	acetyl	H	H
ethylamino	5-methoxycarbonylpentyl	acetyl	H	H
ethylamino	2-aminoethyl	acetyl	H	H
ethylamino	3-aminopropyl	acetyl	H	H
ethylamino	4-aminobutyl	acetyl	H	H
ethylamino	5-aminopentyl	acetyl	H	H
ethylamino	6-aminohexyl	acetyl	H	H
ethylamino	2-chloroethyl	acetyl	H	H
ethylamino	3-chloropropyl	acetyl	H	H
ethylamino	4-chlorobutyl	acetyl	H	H
ethylamino	5-chloropentyl	acetyl	H	H
ethylamino	6-chlorohexyl	acetyl	H	H
ethylamino	2-fluoroethyl	acetyl	H	H
ethylamino	3-fluoropropyl	acetyl	H	H
ethylamino	4-fluorobutyl	acetyl	H	H
ethylamino	5-fluoropentyl	acetyl	H	H
ethylamino	6-fluorohexyl	acetyl	H	H
ethylamino	2-carbamoyl	acetyl	H	H
ethylamino	3-carbamoylpropyl	acetyl	H	H
ethylamino	4-carbamoylbutyl	acetyl	H	H
ethylamino	5-carbamoylpentyl	acetyl	H	H
ethylamino	6-carbamoylhexyl	acetyl	H	H
ethylamino	3-methylcarbamoylpropyl	acetyl	H	H
ethylamino	4-methylcarbamoylbutyl	acetyl	H	H
ethylamino	5-methylcarbamoylpentyl	acetyl	H	H

続<

【表146】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	acetyl	H	H
ethylamino	2-phenylethyl	acetyl	H	H
ethylamino	4-fluorobenzyl	acetyl	H	H
ethylamino	3-fluorobenzyl	acetyl	H	H
ethylamino	4-chlorobenzyl	acetyl	H	H
ethylamino	3-chlorobenzyl	acetyl	H	H
ethylamino	4-methoxybenzyl	acetyl	H	H
ethylamino	3-methoxybenzyl	acetyl	H	H
ethylamino	4-hydroxybenzyl	acetyl	H	H
ethylamino	3-hydroxybenzyl	acetyl	H	H
ethylamino	4-methylbenzyl	acetyl	H	H
ethylamino	3-methylbenzyl	acetyl	H	H
ethylamino	4-aminobenzyl	acetyl	H	H
ethylamino	3-aminobenzyl	acetyl	H	H
ethylamino	4-dimethylaminobenzyl	acetyl	H	H
ethylamino	3-dimethylaminobenzyl	acetyl	H	H
ethylamino	4-carbamoylbenzyl	acetyl	H	H
ethylamino	3-carbamoylbenzyl	acetyl	H	H
ethylamino	4-methylcarbamoylbenzyl	acetyl	H	H
ethylamino	3-methylcarbamoylbenzyl	acetyl	H	H
ethylamino	4-cyanobenzyl	acetyl	H	H
ethylamino	4-phenoxybenzyl	acetyl	H	H
ethylamino	phenyl	acetyl	H	H
ethylamino	4-fluorophenyl	acetyl	H	H
ethylamino	3-fluorophenyl	acetyl	H	H
ethylamino	4-chlorophenyl	acetyl	H	H
ethylamino	3-methoxyphenyl	acetyl	H	H
ethylamino	3-hydroxyphenyl	acetyl	H	H
ethylamino	4-methylphenyl	acetyl	H	H
ethylamino	3-methylphenyl	acetyl	H	H
ethylamino	4-aminophenyl	acetyl	H	H
ethylamino	3-aminophenyl	acetyl	H	H
ethylamino	3-dimethylaminophenyl	acetyl	H	H
ethylamino	4-dimethylaminophenyl	acetyl	H	H
ethylamino	3-carbamoylphenyl	acetyl	H	H
ethylamino	4-carbamoylphenyl	acetyl	H	H
ethylamino	3-cyanophenyl	acetyl	H	H
ethylamino	4-cyanophenyl	acetyl	H	H
ethylamino	3-phenoxyphenyl	acetyl	H	H
ethylamino	4-phenoxyphenyl	acetyl	H	H

続<

【表147】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	H	2-chloro	H
ethylamino	methyl	H	3-chloro	H
ethylamino	methyl	H	4-chloro	H
ethylamino	methyl	H	2-fluoro	H
ethylamino	methyl	H	3-fluoro	H
ethylamino	methyl	H	4-fluoro	H
ethylamino	methyl	H	2-bromo	H
ethylamino	methyl	H	3-bromo	H
ethylamino	methyl	H	4-bromo	H
ethylamino	methyl	H	2-nitro	H
ethylamino	methyl	H	3-nitro	H
ethylamino	methyl	H	4-nitro	H
ethylamino	methyl	H	2-methoxy	H
ethylamino	methyl	H	3-methoxy	H
ethylamino	methyl	H	4-methoxy	H
ethylamino	methyl	H	2-chloro	4-chloro
ethylamino	methyl	H	3-chloro	4-chloro
ethylamino	methyl	H	2-fluoro	4-fluoro
ethylamino	methyl	H	3-fluoro	4-fluoro
ethylamino	methyl	H	2-bromo	4-bromo
ethylamino	methyl	H	3-bromo	4-bromo
ethylamino	methyl	H	2-methoxy	4-methoxy
ethylamino	methyl	H	3-methoxy	4-methoxy
ethylamino	methyl	H	2-acetyl	H
ethylamino	methyl	H	3-acetyl	H
ethylamino	methyl	H	4-acetyl	H
ethylamino	methyl	H	2-benzoyl	H
ethylamino	methyl	H	3-benzoyl	H
ethylamino	methyl	H	4-benzoyl	H
ethylamino	methyl	H	2-cyano	H
ethylamino	methyl	H	3-cyano	H
ethylamino	methyl	H	4-cyano	H
ethylamino	methyl	H	2-carbamoyl	H
ethylamino	methyl	H	3-carbamoyl	H
ethylamino	methyl	H	4-carbamoyl	H
ethylamino	methyl	H	2-dimethylcarbamoyl	H
ethylamino	methyl	H	3-dimethylcarbamoyl	H
ethylamino	methyl	H	4-dimethylcarbamoyl	H
ethylamino	methyl	H	2-methylcarbamoyl	H
ethylamino	methyl	H	3-methylcarbamoyl	H

続く

【表148】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	acetyl	4-methylcarbonyl	H
ethylamino	methyl	acetyl	2-methoxycarbonyl	H
ethylamino	methyl	acetyl	3-methoxycarbonyl	H
ethylamino	methyl	acetyl	4-methoxycarbonyl	H
ethylamino	methyl	acetyl	2-amino	H
ethylamino	methyl	acetyl	3-amino	H
ethylamino	methyl	acetyl	4-amino	H
ethylamino	methyl	acetyl	2-methylamino	H
ethylamino	methyl	acetyl	3-methylamino	H
ethylamino	methyl	acetyl	4-methylamino	H
ethylamino	methyl	acetyl	2-dimethylamino	H
ethylamino	methyl	acetyl	3-dimethylamino	H
ethylamino	methyl	acetyl	4-dimethylamino	H
ethylamino	methyl	acetyl	2-trifluoromethyl	H
ethylamino	methyl	acetyl	3-trifluoromethyl	H
ethylamino	methyl	acetyl	4-trifluoromethyl	H
ethylamino	methyl	acetyl	2-fluoromethyl	H
ethylamino	methyl	acetyl	3-fluoromethyl	H
ethylamino	methyl	acetyl	4-fluoromethyl	H
ethylamino	methyl	acetyl	2-hydroxy	H
ethylamino	methyl	acetyl	3-hydroxy	H
ethylamino	methyl	acetyl	4-hydroxy	H
ethylamino	methyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	methyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	methyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	methyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	methyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	methyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	methyl	acetyl	4-chloroacetyl	H
ethylamino	methyl	acetyl	3-chloroacetyl	H
ethylamino	methyl	acetyl	2-chloroacetyl	H
ethylamino	methyl	acetyl	4-ethoxycarbonyl	H
ethylamino	methyl	acetyl	3-ethoxycarbonyl	H
ethylamino	methyl	acetyl	2-ethoxycarbonyl	H
ethylamino	methyl	acetyl	4-carboxy	H
ethylamino	methyl	acetyl	3-carboxy	H
ethylamino	methyl	acetyl	2-carboxy	H
ethylamino	methyl	acetyl	4-chloromethoxy	H
ethylamino	methyl	acetyl	3-chloromethoxy	H
ethylamino	methyl	acetyl	2-chloromethoxy	H

続く

【表149】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	acetyl	2-chloro	H
ethylamino	ethyl	acetyl	3-chloro	H
ethylamino	ethyl	acetyl	4-chloro	H
ethylamino	ethyl	acetyl	2-fluoro	H
ethylamino	ethyl	acetyl	3-fluoro	H
ethylamino	ethyl	acetyl	4-fluoro	H
ethylamino	ethyl	acetyl	2-bromo	H
ethylamino	ethyl	acetyl	3-bromo	H
ethylamino	ethyl	acetyl	4-bromo	H
ethylamino	ethyl	acetyl	2-nitro	H
ethylamino	ethyl	acetyl	3-nitro	H
ethylamino	ethyl	acetyl	4-nitro	H
ethylamino	ethyl	acetyl	2-methoxy	H
ethylamino	ethyl	acetyl	3-methoxy	H
ethylamino	ethyl	acetyl	4-methoxy	H
ethylamino	ethyl	acetyl	2-chloro	4-chloro
ethylamino	ethyl	acetyl	3-chloro	4-chloro
ethylamino	ethyl	acetyl	2-fluoro	4-fluoro
ethylamino	ethyl	acetyl	3-fluoro	4-fluoro
ethylamino	ethyl	acetyl	2-bromo	4-bromo
ethylamino	ethyl	acetyl	3-bromo	4-bromo
ethylamino	ethyl	acetyl	2-methoxy	4-methoxy
ethylamino	ethyl	acetyl	3-methoxy	4-methoxy
ethylamino	ethyl	acetyl	2-acetyl	H
ethylamino	ethyl	acetyl	3-acetyl	H
ethylamino	ethyl	acetyl	4-acetyl	H
ethylamino	ethyl	acetyl	2-benzoyl	H
ethylamino	ethyl	acetyl	3-benzoyl	H
ethylamino	ethyl	acetyl	4-benzoyl	H
ethylamino	ethyl	acetyl	2-cyano	H
ethylamino	ethyl	acetyl	3-cyano	H
ethylamino	ethyl	acetyl	4-cyano	H
ethylamino	ethyl	acetyl	2-carbamoyl	H
ethylamino	ethyl	acetyl	3-carbamoyl	H
ethylamino	ethyl	acetyl	4-carbamoyl	H
ethylamino	ethyl	acetyl	2-dimethylcarbamoyl	H
ethylamino	ethyl	acetyl	3-dimethylcarbamoyl	H
ethylamino	ethyl	acetyl	4-dimethylcarbamoyl	H
ethylamino	ethyl	acetyl	2-methylcarbamoyl	H
ethylamino	ethyl	acetyl	3-methylcarbamoyl	H

続く

【表150】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	acetyl	4-methylcarbamoyl	H
ethylamino	ethyl	acetyl	2-methoxycarbonyl	H
ethylamino	ethyl	acetyl	3-methoxycarbonyl	H
ethylamino	ethyl	acetyl	4-methoxycarbonyl	H
ethylamino	ethyl	acetyl	2-amino	H
ethylamino	ethyl	acetyl	3-amino	H
ethylamino	ethyl	acetyl	4-amino	H
ethylamino	ethyl	acetyl	2-methylamino	H
ethylamino	ethyl	acetyl	3-methylamino	H
ethylamino	ethyl	acetyl	4-methylamino	H
ethylamino	ethyl	acetyl	2-dimethylamino	H
ethylamino	ethyl	acetyl	3-dimethylamino	H
ethylamino	ethyl	acetyl	4-dimethylamino	H
ethylamino	ethyl	acetyl	2-trifluoromethyl	H
ethylamino	ethyl	acetyl	3-trifluoromethyl	H
ethylamino	ethyl	acetyl	4-trifluoromethyl	H
ethylamino	ethyl	acetyl	2-fluoromethyl	H
ethylamino	ethyl	acetyl	3-fluoromethyl	H
ethylamino	ethyl	acetyl	4-fluoromethyl	H
ethylamino	ethyl	acetyl	2-hydroxy	H
ethylamino	ethyl	acetyl	3-hydroxy	H
ethylamino	ethyl	acetyl	4-hydroxy	H
ethylamino	ethyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	ethyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	ethyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	ethyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	ethyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	ethyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	ethyl	acetyl	4-chloroacetyl	H
ethylamino	ethyl	acetyl	3-chloroacetyl	H
ethylamino	ethyl	acetyl	2-chloroacetyl	H
ethylamino	ethyl	acetyl	4-ethoxycarbonyl	H
ethylamino	ethyl	acetyl	3-ethoxycarbonyl	H
ethylamino	ethyl	acetyl	2-ethoxycarbonyl	H
ethylamino	ethyl	acetyl	4-carboxy	H
ethylamino	ethyl	acetyl	3-carboxy	H
ethylamino	ethyl	acetyl	2-carboxy	H
ethylamino	ethyl	acetyl	4-chloromethoxy	H
ethylamino	ethyl	acetyl	3-chloromethoxy	H
ethylamino	ethyl	acetyl	2-chloromethoxy	H

続く

【表151】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	acetyl	2-chloro	H
ethylamino	propyl	acetyl	3-chloro	H
ethylamino	propyl	acetyl	4-chloro	H
ethylamino	propyl	acetyl	2-fluoro	H
ethylamino	propyl	acetyl	3-fluoro	H
ethylamino	propyl	acetyl	4-fluoro	H
ethylamino	propyl	acetyl	2-bromo	H
ethylamino	propyl	acetyl	3-bromo	H
ethylamino	propyl	acetyl	4-bromo	H
ethylamino	propyl	acetyl	2-nitro	H
ethylamino	propyl	acetyl	3-nitro	H
ethylamino	propyl	acetyl	4-nitro	H
ethylamino	propyl	acetyl	2-methoxy	H
ethylamino	propyl	acetyl	3-methoxy	H
ethylamino	propyl	acetyl	4-methoxy	H
ethylamino	propyl	acetyl	2-chloro	4-chloro
ethylamino	propyl	acetyl	3-chloro	4-chloro
ethylamino	propyl	acetyl	2-fluoro	4-fluoro
ethylamino	propyl	acetyl	3-fluoro	4-fluoro
ethylamino	propyl	acetyl	2-bromo	4-bromo
ethylamino	propyl	acetyl	3-bromo	4-bromo
ethylamino	propyl	acetyl	2-methoxy	4-methoxy
ethylamino	propyl	acetyl	3-methoxy	4-methoxy
ethylamino	propyl	acetyl	2-acetyl	H
ethylamino	propyl	acetyl	3-acetyl	H
ethylamino	propyl	acetyl	4-acetyl	H
ethylamino	propyl	acetyl	2-benzoyl	H
ethylamino	propyl	acetyl	3-benzoyl	H
ethylamino	propyl	acetyl	4-benzoyl	H
ethylamino	propyl	acetyl	2-cyano	H
ethylamino	propyl	acetyl	3-cyano	H
ethylamino	propyl	acetyl	4-cyano	H
ethylamino	propyl	acetyl	2-carbamoyl	H
ethylamino	propyl	acetyl	3-carbamoyl	H
ethylamino	propyl	acetyl	4-carbamoyl	H
ethylamino	propyl	acetyl	2-dimethylcarbamoyl	H
ethylamino	propyl	acetyl	3-dimethylcarbamoyl	H
ethylamino	propyl	acetyl	4-dimethylcarbamoyl	H
ethylamino	propyl	acetyl	2-methylcarbamoyl	H
ethylamino	propyl	acetyl	3-methylcarbamoyl	H

続<

[表152]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	acetyl	4-methylcarbamoyl	H
ethylamino	propyl	acetyl	2-methoxycarbonyl	H
ethylamino	propyl	acetyl	3-methoxycarbonyl	H
ethylamino	propyl	acetyl	4-methoxycarbonyl	H
ethylamino	propyl	acetyl	2-amino	H
ethylamino	propyl	acetyl	3-amino	H
ethylamino	propyl	acetyl	4-amino	H
ethylamino	propyl	acetyl	2-methylamino	H
ethylamino	propyl	acetyl	3-methylamino	H
ethylamino	propyl	acetyl	4-methylamino	H
ethylamino	propyl	acetyl	2-dimethylamino	H
ethylamino	propyl	acetyl	3-dimethylamino	H
ethylamino	propyl	acetyl	4-dimethylamino	H
ethylamino	propyl	acetyl	2-trifluoromethyl	H
ethylamino	propyl	acetyl	3-trifluoromethyl	H
ethylamino	propyl	acetyl	4-trifluoromethyl	H
ethylamino	propyl	acetyl	2-fluoromethyl	H
ethylamino	propyl	acetyl	3-fluoromethyl	H
ethylamino	propyl	acetyl	4-fluoromethyl	H
ethylamino	propyl	acetyl	2-hydroxy	H
ethylamino	propyl	acetyl	3-hydroxy	H
ethylamino	propyl	acetyl	4-hydroxy	H
ethylamino	propyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	propyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	propyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	propyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	propyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	propyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	propyl	acetyl	4-chloroacetyl	H
ethylamino	propyl	acetyl	3-chloroacetyl	H
ethylamino	propyl	acetyl	2-chloroacetyl	H
ethylamino	propyl	acetyl	4-ethoxycarbonyl	H
ethylamino	propyl	acetyl	3-ethoxycarbonyl	H
ethylamino	propyl	acetyl	2-ethoxycarbonyl	H
ethylamino	propyl	acetyl	4-carboxy	H
ethylamino	propyl	acetyl	3-carboxy	H
ethylamino	propyl	acetyl	2-carboxy	H
ethylamino	propyl	acetyl	4-chloromethoxy	H
ethylamino	propyl	acetyl	3-chloromethoxy	H
ethylamino	propyl	acetyl	2-chloromethoxy	H

続く

【表153】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	acetyl	2-chloro	H
ethylamino	butyl	acetyl	3-chloro	H
ethylamino	butyl	acetyl	4-chloro	H
ethylamino	butyl	acetyl	2-fluoro	H
ethylamino	butyl	acetyl	3-fluoro	H
ethylamino	butyl	acetyl	4-fluoro	H
ethylamino	butyl	acetyl	2-bromo	H
ethylamino	butyl	acetyl	3-bromo	H
ethylamino	butyl	acetyl	4-bromo	H
ethylamino	butyl	acetyl	2-nitro	H
ethylamino	butyl	acetyl	3-nitro	H
ethylamino	butyl	acetyl	4-nitro	H
ethylamino	butyl	acetyl	2-methoxy	H
ethylamino	butyl	acetyl	3-methoxy	H
ethylamino	butyl	acetyl	4-methoxy	H
ethylamino	butyl	acetyl	2-chloro	4-chloro
ethylamino	butyl	acetyl	3-chloro	4-chloro
ethylamino	butyl	acetyl	2-fluoro	4-fluoro
ethylamino	butyl	acetyl	3-fluoro	4-fluoro
ethylamino	butyl	acetyl	2-bromo	4-bromo
ethylamino	butyl	acetyl	3-bromo	4-bromo
ethylamino	butyl	acetyl	2-methoxy	4-methoxy
ethylamino	butyl	acetyl	3-methoxy	4-methoxy
ethylamino	butyl	acetyl	2-acetyl	H
ethylamino	butyl	acetyl	3-acetyl	H
ethylamino	butyl	acetyl	4-acetyl	H
ethylamino	butyl	acetyl	2-benzoyl	H
ethylamino	butyl	acetyl	3-benzoyl	H
ethylamino	butyl	acetyl	4-benzoyl	H
ethylamino	butyl	acetyl	2-cyano	H
ethylamino	butyl	acetyl	3-cyano	H
ethylamino	butyl	acetyl	4-cyano	H
ethylamino	butyl	acetyl	2-carbamoyl	H
ethylamino	butyl	acetyl	3-carbamoyl	H
ethylamino	butyl	acetyl	4-carbamoyl	H
ethylamino	butyl	acetyl	2-dimethylcarbamoyl	H
ethylamino	butyl	acetyl	3-dimethylcarbamoyl	H
ethylamino	butyl	acetyl	4-dimethylcarbamoyl	H
ethylamino	butyl	acetyl	2-methylcarbamoyl	H
ethylamino	butyl	acetyl	3-methylcarbamoyl	H

続く

【表154】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	acetyl	4-methylcarbonyl	H
ethylamino	butyl	acetyl	2-methoxycarbonyl	H
ethylamino	butyl	acetyl	3-methoxycarbonyl	H
ethylamino	butyl	acetyl	4-methoxycarbonyl	H
ethylamino	butyl	acetyl	2-amino	H
ethylamino	butyl	acetyl	3-amino	H
ethylamino	butyl	acetyl	4-amino	H
ethylamino	butyl	acetyl	2-methylamino	H
ethylamino	butyl	acetyl	3-methylamino	H
ethylamino	butyl	acetyl	4-methylamino	H
ethylamino	butyl	acetyl	2-dimethylamino	H
ethylamino	butyl	acetyl	3-dimethylamino	H
ethylamino	butyl	acetyl	4-dimethylamino	H
ethylamino	butyl	acetyl	2-trifluoromethyl	H
ethylamino	butyl	acetyl	3-trifluoromethyl	H
ethylamino	butyl	acetyl	4-trifluoromethyl	H
ethylamino	butyl	acetyl	2-fluoromethyl	H
ethylamino	butyl	acetyl	3-fluoromethyl	H
ethylamino	butyl	acetyl	4-fluoromethyl	H
ethylamino	butyl	acetyl	2-hydroxy	H
ethylamino	butyl	acetyl	3-hydroxy	H
ethylamino	butyl	acetyl	4-hydroxy	H
ethylamino	butyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	butyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	butyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	butyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	butyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	butyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	butyl	acetyl	4-chloroacetyl	H
ethylamino	butyl	acetyl	3-chloroacetyl	H
ethylamino	butyl	acetyl	2-chloroacetyl	H
ethylamino	butyl	acetyl	4-ethoxycarbonyl	H
ethylamino	butyl	acetyl	3-ethoxycarbonyl	H
ethylamino	butyl	acetyl	2-ethoxycarbonyl	H
ethylamino	butyl	acetyl	4-carboxy	H
ethylamino	butyl	acetyl	3-carboxy	H
ethylamino	butyl	acetyl	2-carboxy	H
ethylamino	butyl	acetyl	4-chloromethoxy	H
ethylamino	butyl	acetyl	3-chloromethoxy	H
ethylamino	butyl	acetyl	2-chloromethoxy	H

続く

[表155]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	acetyl	2-chloro	H
ethylamino	benzyl	acetyl	3-chloro	H
ethylamino	benzyl	acetyl	4-chloro	H
ethylamino	benzyl	acetyl	2-fluoro	H
ethylamino	benzyl	acetyl	3-fluoro	H
ethylamino	benzyl	acetyl	4-fluoro	H
ethylamino	benzyl	acetyl	2-bromo	H
ethylamino	benzyl	acetyl	3-bromo	H
ethylamino	benzyl	acetyl	4-bromo	H
ethylamino	benzyl	acetyl	2-nitro	H
ethylamino	benzyl	acetyl	3-nitro	H
ethylamino	benzyl	acetyl	4-nitro	H
ethylamino	benzyl	acetyl	2-methoxy	H
ethylamino	benzyl	acetyl	3-methoxy	H
ethylamino	benzyl	acetyl	4-methoxy	H
ethylamino	benzyl	acetyl	2-chloro	4-chloro
ethylamino	benzyl	acetyl	3-chloro	4-chloro
ethylamino	benzyl	acetyl	2-fluoro	4-fluoro
ethylamino	benzyl	acetyl	3-fluoro	4-fluoro
ethylamino	benzyl	acetyl	2-bromo	4-bromo
ethylamino	benzyl	acetyl	3-bromo	4-bromo
ethylamino	benzyl	acetyl	2-methoxy	4-methoxy
ethylamino	benzyl	acetyl	3-methoxy	4-methoxy
ethylamino	benzyl	acetyl	2-acetyl	H
ethylamino	benzyl	acetyl	3-acetyl	H
ethylamino	benzyl	acetyl	4-acetyl	H
ethylamino	benzyl	acetyl	2-benzoyl	H
ethylamino	benzyl	acetyl	3-benzoyl	H
ethylamino	benzyl	acetyl	4-benzoyl	H
ethylamino	benzyl	acetyl	2-cyano	H
ethylamino	benzyl	acetyl	3-cyano	H
ethylamino	benzyl	acetyl	4-cyano	H
ethylamino	benzyl	acetyl	2-carbamoyl	H
ethylamino	benzyl	acetyl	3-carbamoyl	H
ethylamino	benzyl	acetyl	4-carbamoyl	H
ethylamino	benzyl	acetyl	2-dimethylcarbamoyl	H
ethylamino	benzyl	acetyl	3-dimethylcarbamoyl	H
ethylamino	benzyl	acetyl	4-dimethylcarbamoyl	H
ethylamino	benzyl	acetyl	2-methylcarbamoyl	H
ethylamino	benzyl	acetyl	3-methylcarbamoyl	H

続く

【表156】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	acetyl	4-methylcarbamoyl	H
ethylamino	benzyl	acetyl	2-methoxycarbonyl	H
ethylamino	benzyl	acetyl	3-methoxycarbonyl	H
ethylamino	benzyl	acetyl	4-methoxycarbonyl	H
ethylamino	benzyl	acetyl	2-amino	H
ethylamino	benzyl	acetyl	3-amino	H
ethylamino	benzyl	acetyl	4-amino	H
ethylamino	benzyl	acetyl	2-methylamino	H
ethylamino	benzyl	acetyl	3-methylamino	H
ethylamino	benzyl	acetyl	4-methylamino	H
ethylamino	benzyl	acetyl	2-dimethylamino	H
ethylamino	benzyl	acetyl	3-dimethylamino	H
ethylamino	benzyl	acetyl	4-dimethylamino	H
ethylamino	benzyl	acetyl	2-trifluoromethyl	H
ethylamino	benzyl	acetyl	3-trifluoromethyl	H
ethylamino	benzyl	acetyl	4-trifluoromethyl	H
ethylamino	benzyl	acetyl	2-fluoromethyl	H
ethylamino	benzyl	acetyl	3-fluoromethyl	H
ethylamino	benzyl	acetyl	4-fluoromethyl	H
ethylamino	benzyl	acetyl	2-hydroxy	H
ethylamino	benzyl	acetyl	3-hydroxy	H
ethylamino	benzyl	acetyl	4-hydroxy	H
ethylamino	benzyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	benzyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	benzyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	benzyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	benzyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	benzyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	benzyl	acetyl	4-chloroacetyl	H
ethylamino	benzyl	acetyl	3-chloroacetyl	H
ethylamino	benzyl	acetyl	2-chloroacetyl	H
ethylamino	benzyl	acetyl	4-ethoxycarbonyl	H
ethylamino	benzyl	acetyl	3-ethoxycarbonyl	H
ethylamino	benzyl	acetyl	2-ethoxycarbonyl	H
ethylamino	benzyl	acetyl	4-carboxy	H
ethylamino	benzyl	acetyl	3-carboxy	H
ethylamino	benzyl	acetyl	2-carboxy	H
ethylamino	benzyl	acetyl	4-chloromethoxy	H
ethylamino	benzyl	acetyl	3-chloromethoxy	H
ethylamino	benzyl	acetyl	2-chloromethoxy	H

続く

【表157】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	acetyl	3-chloro	H
ethylamino	cyclohexylmethyl	acetyl	3-chloro	H
ethylamino	cyclohexylmethyl	acetyl	4-chloro	H
ethylamino	cyclohexylmethyl	acetyl	2-fluoro	H
ethylamino	cyclohexylmethyl	acetyl	3-fluoro	H
ethylamino	cyclohexylmethyl	acetyl	4-fluoro	H
ethylamino	cyclohexylmethyl	acetyl	2-bromo	H
ethylamino	cyclohexylmethyl	acetyl	3-bromo	H
ethylamino	cyclohexylmethyl	acetyl	4-bromo	H
ethylamino	cyclohexylmethyl	acetyl	2-nitro	H
ethylamino	cyclohexylmethyl	acetyl	3-nitro	H
ethylamino	cyclohexylmethyl	acetyl	4-nitro	H
ethylamino	cyclohexylmethyl	acetyl	2-methoxy	H
ethylamino	cyclohexylmethyl	acetyl	3-methoxy	H
ethylamino	cyclohexylmethyl	acetyl	4-methoxy	H
ethylamino	cyclohexylmethyl	acetyl	2-chloro	4-chloro
ethylamino	cyclohexylmethyl	acetyl	3-chloro	4-chloro
ethylamino	cyclohexylmethyl	acetyl	2-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	acetyl	3-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	acetyl	2-bromo	4-bromo
ethylamino	cyclohexylmethyl	acetyl	3-bromo	4-bromo
ethylamino	cyclohexylmethyl	acetyl	2-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	acetyl	3-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	acetyl	2-acetyl	H
ethylamino	cyclohexylmethyl	acetyl	3-acetyl	H
ethylamino	cyclohexylmethyl	acetyl	4-acetyl	H
ethylamino	cyclohexylmethyl	acetyl	2-benzoyl	H
ethylamino	cyclohexylmethyl	acetyl	3-benzoyl	H
ethylamino	cyclohexylmethyl	acetyl	4-benzoyl	H
ethylamino	cyclohexylmethyl	acetyl	2-cyano	H
ethylamino	cyclohexylmethyl	acetyl	3-cyano	H
ethylamino	cyclohexylmethyl	acetyl	4-cyano	H
ethylamino	cyclohexylmethyl	acetyl	2-carbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	3-carbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	4-carbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	2-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	3-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	4-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	2-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	3-methylcarbamoyl	H

続く

【表158】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	acetyl	4-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	acetyl	2-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	3-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	4-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	2-amino	H
ethylamino	cyclohexylmethyl	acetyl	3-amino	H
ethylamino	cyclohexylmethyl	acetyl	4-amino	H
ethylamino	cyclohexylmethyl	acetyl	2-methylamino	H
ethylamino	cyclohexylmethyl	acetyl	3-methylamino	H
ethylamino	cyclohexylmethyl	acetyl	4-methylamino	H
ethylamino	cyclohexylmethyl	acetyl	2-dimethylamino	H
ethylamino	cyclohexylmethyl	acetyl	3-dimethylamino	H
ethylamino	cyclohexylmethyl	acetyl	4-dimethylamino	H
ethylamino	cyclohexylmethyl	acetyl	2-trifluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	3-trifluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	4-trifluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	2-fluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	3-fluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	4-fluoromethyl	H
ethylamino	cyclohexylmethyl	acetyl	2-hydroxy	H
ethylamino	cyclohexylmethyl	acetyl	3-hydroxy	H
ethylamino	cyclohexylmethyl	acetyl	4-hydroxy	H
ethylamino	cyclohexylmethyl	acetyl	4-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	3-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	2-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	4-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	3-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	2-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	acetyl	4-chloroacetyl	H
ethylamino	cyclohexylmethyl	acetyl	3-chloroacetyl	H
ethylamino	cyclohexylmethyl	acetyl	2-chloroacetyl	H
ethylamino	cyclohexylmethyl	acetyl	4-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	3-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	2-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	acetyl	4-carboxy	H
ethylamino	cyclohexylmethyl	acetyl	3-carboxy	H
ethylamino	cyclohexylmethyl	acetyl	2-carboxy	H
ethylamino	cyclohexylmethyl	acetyl	4-chloromethoxy	H
ethylamino	cyclohexylmethyl	acetyl	3-chloromethoxy	H
ethylamino	cyclohexylmethyl	acetyl	2-chloromethoxy	H

続く

[表159]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	H	acetyl	H	H
propylamino	methyl	acetyl	H	H
propylamino	ethyl	acetyl	H	H
propylamino	propyl	acetyl	H	H
propylamino	methylethyl	acetyl	H	H
propylamino	butyl	acetyl	H	H
propylamino	1-methylpropyl	acetyl	H	H
propylamino	2-methylpropyl	acetyl	H	H
propylamino	dimethylethyl	acetyl	H	H
propylamino	pentyl	acetyl	H	H
propylamino	1-methylbutyl	acetyl	H	H
propylamino	2-methylbutyl	acetyl	H	H
propylamino	1,1-dimethylpropyl	acetyl	H	H
propylamino	1,2-dimethylpropyl	acetyl	H	H
propylamino	2,2-dimethylpropyl	acetyl	H	H
propylamino	hexyl	acetyl	H	H
propylamino	1-methylpentyl	acetyl	H	H
propylamino	2-methylpentyl	acetyl	H	H
propylamino	3-methylpentyl	acetyl	H	H
propylamino	4-methylpentyl	acetyl	H	H
propylamino	1,1-dimethylbutyl	acetyl	H	H
propylamino	1,2-dimethylbutyl	acetyl	H	H
propylamino	1,3-dimethylbutyl	acetyl	H	H
propylamino	2,2-dimethylbutyl	acetyl	H	H
propylamino	2,3-dimethylbutyl	acetyl	H	H
propylamino	3,3-dimethylbutyl	acetyl	H	H
propylamino	1-ethylbutyl	acetyl	H	H
propylamino	2-ethylbutyl	acetyl	H	H
propylamino	1,1,2-trimethylpropyl	acetyl	H	H
propylamino	heptyl	acetyl	H	H
propylamino	cyclopropyl	acetyl	H	H
propylamino	cyclopentyl	acetyl	H	H
propylamino	cyclohexyl	acetyl	H	H
propylamino	cycloheptyl	acetyl	H	H
propylamino	cyclopropylmethyl	acetyl	H	H
propylamino	cyclopentylmethyl	acetyl	H	H
propylamino	cyclohexylmethyl	acetyl	H	H
propylamino	cycloheptylmethyl	acetyl	H	H
propylamino	2-methoxyethyl	acetyl	H	H
propylamino	3-methoxypropyl	acetyl	H	H

続<

【表160】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	4-methoxybutyl	acetyl	H	H
propylamino	5-methoxypentyl	acetyl	H	H
propylamino	5-ethoxypentyl	acetyl	H	H
propylamino	2-ethoxyethyl	acetyl	H	H
propylamino	3-ethoxypropyl	acetyl	H	H
propylamino	4-ethoxybutyl	acetyl	H	H
propylamino	2-carboxyethyl	acetyl	H	H
propylamino	3-carboxypropyl	acetyl	H	H
propylamino	4-carboxybutyl	acetyl	H	H
propylamino	5-carboxypentyl	acetyl	H	H
propylamino	2-hydroxyethyl	acetyl	H	H
propylamino	3-hydroxypropyl	acetyl	H	H
propylamino	4-hydroxybutyl	acetyl	H	H
propylamino	5-hydroypentyl	acetyl	H	H
propylamino	2-methoxycarbonylethyl	acetyl	H	H
propylamino	3-methoxycarbonylpropyl	acetyl	H	H
propylamino	4-methoxycarbonylbutyl	acetyl	H	H
propylamino	5-methoxycarbonylpentyl	acetyl	H	H
propylamino	2-aminoethyl	acetyl	H	H
propylamino	3-aminopropyl	acetyl	H	H
propylamino	4-aminobutyl	acetyl	H	H
propylamino	5-aminopentyl	acetyl	H	H
propylamino	6-aminohexyl	acetyl	H	H
propylamino	2-chloroethyl	acetyl	H	H
propylamino	3-chloropropyl	acetyl	H	H
propylamino	4-chlorobutyl	acetyl	H	H
propylamino	5-chloropentyl	acetyl	H	H
propylamino	6-chlorohexyl	acetyl	H	H
propylamino	2-fluoroethyl	acetyl	H	H
propylamino	3-fluoropropyl	acetyl	H	H
propylamino	4-fluorobutyl	acetyl	H	H
propylamino	5-fluoropentyl	acetyl	H	H
propylamino	6-fluorohexyl	acetyl	H	H
propylamino	2-carbamoylethyl	acetyl	H	H
propylamino	3-carbamoylpropyl	acetyl	H	H
propylamino	4-carbamoylbutyl	acetyl	H	H
propylamino	5-carbamoylpentyl	acetyl	H	H
propylamino	6-carbamoylhexyl	acetyl	H	H
propylamino	3-methylcarbamoylpropyl	acetyl	H	H
propylamino	4-methylcarbamoylbutyl	acetyl	H	H
propylamino	5-methylcarbamoylpentyl	acetyl	H	H

続<

【0069】

[表161]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	acetyl	H	H
propylamino	2-phenylethyl	acetyl	H	H
propylamino	4-fluorobenzyl	acetyl	H	H
propylamino	3-fluorobenzyl	acetyl	H	H
propylamino	4-chlorobenzyl	acetyl	H	H
propylamino	3-chlorobenzyl	acetyl	H	H
propylamino	4-methoxybenzyl	acetyl	H	H
propylamino	3-methoxybenzyl	acetyl	H	H
propylamino	4-hydroxybenzyl	acetyl	H	H
propylamino	3-hydroxybenzyl	acetyl	H	H
propylamino	4-methylbenzyl	acetyl	H	H
propylamino	3-methylbenzyl	acetyl	H	H
propylamino	4-aminobenzyl	acetyl	H	H
propylamino	3-aminobenzyl	acetyl	H	H
propylamino	4-dimethylaminobenzyl	acetyl	H	H
propylamino	3-dimethylaminobenzyl	acetyl	H	H
propylamino	4-carbamoylbenzyl	acetyl	H	H
propylamino	3-carbamoylbenzyl	acetyl	H	H
propylamino	4-methylcarbamoylbenzyl	acetyl	H	H
propylamino	3-methylcarbamoylbenzyl	acetyl	H	H
propylamino	4-cyanobenzyl	acetyl	H	H
propylamino	4-phenoxybenzyl	acetyl	H	H
propylamino	phenyl	acetyl	H	H
propylamino	4-fluorophenyl	acetyl	H	H
propylamino	3-fluorophenyl	acetyl	H	H
propylamino	4-chlorophenyl	acetyl	H	H
propylamino	3-methoxyphenyl	acetyl	H	H
propylamino	3-hydroxyphenyl	acetyl	H	H
propylamino	4-methylphenyl	acetyl	H	H
propylamino	3-methylphenyl	acetyl	H	H
propylamino	4-aminophenyl	acetyl	H	H
propylamino	3-aminophenyl	acetyl	H	H
propylamino	3-dimethylaminophenyl	acetyl	H	H
propylamino	4-dimethylaminophenyl	acetyl	H	H
propylamino	3-carbamoylphenyl	acetyl	H	H
propylamino	4-carbamoylphenyl	acetyl	H	H
propylamino	3-cyanophenyl	acetyl	H	H
propylamino	4-cyanophenyl	acetyl	H	H
propylamino	3-phenoxyphenyl	acetyl	H	H
propylamino	4-phenoxyphenyl	acetyl	H	H

続く

【表162】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	acetyl	2-chloro	H
propylamino	methyl	acetyl	3-chloro	H
propylamino	methyl	acetyl	4-chloro	H
propylamino	methyl	acetyl	2-fluoro	H
propylamino	methyl	acetyl	3-fluoro	H
propylamino	methyl	acetyl	4-fluoro	H
propylamino	methyl	acetyl	2-bromo	H
propylamino	methyl	acetyl	3-bromo	H
propylamino	methyl	acetyl	4-bromo	H
propylamino	methyl	acetyl	2-nitro	H
propylamino	methyl	acetyl	3-nitro	H
propylamino	methyl	acetyl	4-nitro	H
propylamino	methyl	acetyl	2-methoxy	H
propylamino	methyl	acetyl	3-methoxy	H
propylamino	methyl	acetyl	4-methoxy	H
propylamino	methyl	acetyl	2-chloro	4-chloro
propylamino	methyl	acetyl	3-chloro	4-chloro
propylamino	methyl	acetyl	2-fluoro	4-fluoro
propylamino	methyl	acetyl	3-fluoro	4-fluoro
propylamino	methyl	acetyl	2-bromo	4-bromo
propylamino	methyl	acetyl	3-bromo	4-bromo
propylamino	methyl	acetyl	2-methoxy	4-methoxy
propylamino	methyl	acetyl	3-methoxy	4-methoxy
propylamino	methyl	acetyl	2-acetyl	H
propylamino	methyl	acetyl	3-acetyl	H
propylamino	methyl	acetyl	4-acetyl	H
propylamino	methyl	acetyl	2-benzoyl	H
propylamino	methyl	acetyl	3-benzoyl	H
propylamino	methyl	acetyl	4-benzoyl	H
propylamino	methyl	acetyl	2-cyano	H
propylamino	methyl	acetyl	3-cyano	H
propylamino	methyl	acetyl	4-cyano	H
propylamino	methyl	acetyl	2-carbamoyl	H
propylamino	methyl	acetyl	3-carbamoyl	H
propylamino	methyl	acetyl	4-carbamoyl	H
propylamino	methyl	acetyl	2-dimethylcarbamoyl	H
propylamino	methyl	acetyl	3-dimethylcarbamoyl	H
propylamino	methyl	acetyl	4-dimethylcarbamoyl	H
propylamino	methyl	acetyl	2-methylcarbamoyl	H
propylamino	methyl	acetyl	3-methylcarbamoyl	H

続<

【表163】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	acetyl	4-methylcarbamoyl	H
propylamino	methyl	acetyl	2-methoxycarbonyl	H
propylamino	methyl	acetyl	3-methoxycarbonyl	H
propylamino	methyl	acetyl	4-methoxycarbonyl	H
propylamino	methyl	acetyl	2-amino	H
propylamino	methyl	acetyl	3-amino	H
propylamino	methyl	acetyl	4-amino	H
propylamino	methyl	acetyl	2-methylamino	H
propylamino	methyl	acetyl	3-methylamino	H
propylamino	methyl	acetyl	4-methylamino	H
propylamino	methyl	acetyl	2-dimethylamino	H
propylamino	methyl	acetyl	3-dimethylamino	H
propylamino	methyl	acetyl	4-dimethylamino	H
propylamino	methyl	acetyl	2-trifluoromethyl	H
propylamino	methyl	acetyl	3-trifluoromethyl	H
propylamino	methyl	acetyl	4-trifluoromethyl	H
propylamino	methyl	acetyl	2-fluoromethyl	H
propylamino	methyl	acetyl	3-fluoromethyl	H
propylamino	methyl	acetyl	4-fluoromethyl	H
propylamino	methyl	acetyl	2-hydroxy	H
propylamino	methyl	acetyl	3-hydroxy	H
propylamino	methyl	acetyl	4-hydroxy	H
propylamino	methyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	methyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	methyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	methyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	methyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	methyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	methyl	acetyl	4-chloroacetyl	H
propylamino	methyl	acetyl	3-chloroacetyl	H
propylamino	methyl	acetyl	2-chloroacetyl	H
propylamino	methyl	acetyl	4-ethoxycarbonyl	H
propylamino	methyl	acetyl	3-ethoxycarbonyl	H
propylamino	methyl	acetyl	2-ethoxycarbonyl	H
propylamino	methyl	acetyl	4-carboxy	H
propylamino	methyl	acetyl	3-carboxy	H
propylamino	methyl	acetyl	2-carboxy	H
propylamino	methyl	acetyl	4-chloromethoxy	H
propylamino	methyl	acetyl	3-chloromethoxy	H
propylamino	methyl	acetyl	2-chloromethoxy	H

続く

【表164】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	acetyl	2-chloro	H
propylamino	ethyl	acetyl	3-chloro	H
propylamino	ethyl	acetyl	4-chloro	H
propylamino	ethyl	acetyl	2-fluoro	H
propylamino	ethyl	acetyl	3-fluoro	H
propylamino	ethyl	acetyl	4-fluoro	H
propylamino	ethyl	acetyl	2-bromo	H
propylamino	ethyl	acetyl	3-bromo	H
propylamino	ethyl	acetyl	4-bromo	H
propylamino	ethyl	acetyl	2-nitro	H
propylamino	ethyl	acetyl	3-nitro	H
propylamino	ethyl	acetyl	4-nitro	H
propylamino	ethyl	acetyl	2-methoxy	H
propylamino	ethyl	acetyl	3-methoxy	H
propylamino	ethyl	acetyl	4-methoxy	H
propylamino	ethyl	acetyl	2-chloro	4-chloro
propylamino	ethyl	acetyl	3-chloro	4-chloro
propylamino	ethyl	acetyl	2-fluoro	4-fluoro
propylamino	ethyl	acetyl	3-fluoro	4-fluoro
propylamino	ethyl	acetyl	2-bromo	4-bromo
propylamino	ethyl	acetyl	3-bromo	4-bromo
propylamino	ethyl	acetyl	2-methoxy	4-methoxy
propylamino	ethyl	acetyl	3-methoxy	4-methoxy
propylamino	ethyl	acetyl	2-acetyl	H
propylamino	ethyl	acetyl	3-acetyl	H
propylamino	ethyl	acetyl	4-acetyl	H
propylamino	ethyl	acetyl	2-benzoyl	H
propylamino	ethyl	acetyl	3-benzoyl	H
propylamino	ethyl	acetyl	4-benzoyl	H
propylamino	ethyl	acetyl	2-cyano	H
propylamino	ethyl	acetyl	3-cyano	H
propylamino	ethyl	acetyl	4-cyano	H
propylamino	ethyl	acetyl	2-carbamoyl	H
propylamino	ethyl	acetyl	3-carbamoyl	H
propylamino	ethyl	acetyl	4-carbamoyl	H
propylamino	ethyl	acetyl	2-dimethylcarbamoyl	H
propylamino	ethyl	acetyl	3-dimethylcarbamoyl	H
propylamino	ethyl	acetyl	4-dimethylcarbamoyl	H
propylamino	ethyl	acetyl	2-methylcarbamoyl	H
propylamino	ethyl	acetyl	3-methylcarbamoyl	H

続<

【表165】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	acetyl	4-methylcarbonyl	H
propylamino	ethyl	acetyl	2-methoxycarbonyl	H
propylamino	ethyl	acetyl	3-methoxycarbonyl	H
propylamino	ethyl	acetyl	4-methoxycarbonyl	H
propylamino	ethyl	acetyl	2-amino	H
propylamino	ethyl	acetyl	3-amino	H
propylamino	ethyl	acetyl	4-amino	H
propylamino	ethyl	acetyl	2-methylamino	H
propylamino	ethyl	acetyl	3-methylamino	H
propylamino	ethyl	acetyl	4-methylamino	H
propylamino	ethyl	acetyl	2-dimethylamino	H
propylamino	ethyl	acetyl	3-dimethylamino	H
propylamino	ethyl	acetyl	4-dimethylamino	H
propylamino	ethyl	acetyl	2-trifluoromethyl	H
propylamino	ethyl	acetyl	3-trifluoromethyl	H
propylamino	ethyl	acetyl	4-trifluoromethyl	H
propylamino	ethyl	acetyl	2-fluoromethyl	H
propylamino	ethyl	acetyl	3-fluoromethyl	H
propylamino	ethyl	acetyl	4-fluoromethyl	H
propylamino	ethyl	acetyl	2-hydroxy	H
propylamino	ethyl	acetyl	3-hydroxy	H
propylamino	ethyl	acetyl	4-hydroxy	H
propylamino	ethyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	ethyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	ethyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	ethyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	ethyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	ethyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	ethyl	acetyl	4-chloroacetyl	H
propylamino	ethyl	acetyl	3-chloroacetyl	H
propylamino	ethyl	acetyl	2-chloroacetyl	H
propylamino	ethyl	acetyl	4-ethoxycarbonyl	H
propylamino	ethyl	acetyl	3-ethoxycarbonyl	H
propylamino	ethyl	acetyl	2-ethoxycarbonyl	H
propylamino	ethyl	acetyl	4-carboxy	H
propylamino	ethyl	acetyl	3-carboxy	H
propylamino	ethyl	acetyl	2-carboxy	H
propylamino	ethyl	acetyl	4-chloromethoxy	H
propylamino	ethyl	acetyl	3-chloromethoxy	H
propylamino	ethyl	acetyl	2-chloromethoxy	H

続く

【表166】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	acetyl	2-chloro	H
propylamino	propyl	acetyl	3-chloro	H
propylamino	propyl	acetyl	4-chloro	H
propylamino	propyl	acetyl	2-fluoro	H
propylamino	propyl	acetyl	3-fluoro	H
propylamino	propyl	acetyl	4-fluoro	H
propylamino	propyl	acetyl	2-bromo	H
propylamino	propyl	acetyl	3-bromo	H
propylamino	propyl	acetyl	4-bromo	H
propylamino	propyl	acetyl	2-nitro	H
propylamino	propyl	acetyl	3-nitro	H
propylamino	propyl	acetyl	4-nitro	H
propylamino	propyl	acetyl	2-methoxy	H
propylamino	propyl	acetyl	3-methoxy	H
propylamino	propyl	acetyl	4-methoxy	H
propylamino	propyl	acetyl	2-chloro	4-chloro
propylamino	propyl	acetyl	3-chloro	4-chloro
propylamino	propyl	acetyl	2-fluoro	4-fluoro
propylamino	propyl	acetyl	3-fluoro	4-fluoro
propylamino	propyl	acetyl	2-bromo	4-bromo
propylamino	propyl	acetyl	3-bromo	4-bromo
propylamino	propyl	acetyl	2-methoxy	4-methoxy
propylamino	propyl	acetyl	3-methoxy	4-methoxy
propylamino	propyl	acetyl	2-acetyl	H
propylamino	propyl	acetyl	3-acetyl	H
propylamino	propyl	acetyl	4-acetyl	H
propylamino	propyl	acetyl	2-benzoyl	H
propylamino	propyl	acetyl	3-benzoyl	H
propylamino	propyl	acetyl	4-benzoyl	H
propylamino	propyl	acetyl	2-cyano	H
propylamino	propyl	acetyl	3-cyano	H
propylamino	propyl	acetyl	4-cyano	H
propylamino	propyl	acetyl	2-carbamoyl	H
propylamino	propyl	acetyl	3-carbamoyl	H
propylamino	propyl	acetyl	4-carbamoyl	H
propylamino	propyl	acetyl	2-dimethylcarbamoyl	H
propylamino	propyl	acetyl	3-dimethylcarbamoyl	H
propylamino	propyl	acetyl	4-dimethylcarbamoyl	H
propylamino	propyl	acetyl	2-methylcarbamoyl	H
propylamino	propyl	acetyl	3-methylcarbamoyl	H

続<

[表167]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	acetyl	4-methylcarbamoyl	H
propylamino	propyl	acetyl	2-methoxycarbonyl	H
propylamino	propyl	acetyl	3-methoxycarbonyl	H
propylamino	propyl	acetyl	4-methoxycarbonyl	H
propylamino	propyl	acetyl	2-amino	H
propylamino	propyl	acetyl	3-amino	H
propylamino	propyl	acetyl	4-amino	H
propylamino	propyl	acetyl	2-methylamino	H
propylamino	propyl	acetyl	3-methylamino	H
propylamino	propyl	acetyl	4-methylamino	H
propylamino	propyl	acetyl	2-dimethylamino	H
propylamino	propyl	acetyl	3-dimethylamino	H
propylamino	propyl	acetyl	4-dimethylamino	H
propylamino	propyl	acetyl	2-trifluoromethyl	H
propylamino	propyl	acetyl	3-trifluoromethyl	H
propylamino	propyl	acetyl	4-trifluoromethyl	H
propylamino	propyl	acetyl	2-fluoromethyl	H
propylamino	propyl	acetyl	3-fluoromethyl	H
propylamino	propyl	acetyl	4-fluoromethyl	H
propylamino	propyl	acetyl	2-hydroxy	H
propylamino	propyl	acetyl	3-hydroxy	H
propylamino	propyl	acetyl	4-hydroxy	H
propylamino	propyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	propyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	propyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	propyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	propyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	propyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	propyl	acetyl	4-chloroacetyl	H
propylamino	propyl	acetyl	3-chloroacetyl	H
propylamino	propyl	acetyl	2-chloroacetyl	H
propylamino	propyl	acetyl	4-ethoxycarbonyl	H
propylamino	propyl	acetyl	3-ethoxycarbonyl	H
propylamino	propyl	acetyl	2-ethoxycarbonyl	H
propylamino	propyl	acetyl	4-carboxy	H
propylamino	propyl	acetyl	3-carboxy	H
propylamino	propyl	acetyl	2-carboxy	H
propylamino	propyl	acetyl	4-chloromethoxy	H
propylamino	propyl	acetyl	3-chloromethoxy	H
propylamino	propyl	acetyl	2-chloromethoxy	H

続<

【表168】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	acetyl	2-chloro	H
propylamino	butyl	acetyl	3-chloro	H
propylamino	butyl	acetyl	4-chloro	H
propylamino	butyl	acetyl	2-fluoro	H
propylamino	butyl	acetyl	3-fluoro	H
propylamino	butyl	acetyl	4-fluoro	H
propylamino	butyl	acetyl	2-bromo	H
propylamino	butyl	acetyl	3-bromo	H
propylamino	butyl	acetyl	4-bromo	H
propylamino	butyl	acetyl	2-nitro	H
propylamino	butyl	acetyl	3-nitro	H
propylamino	butyl	acetyl	4-nitro	H
propylamino	butyl	acetyl	2-methoxy	H
propylamino	butyl	acetyl	3-methoxy	H
propylamino	butyl	acetyl	4-methoxy	H
propylamino	butyl	acetyl	2-chloro	4-chloro
propylamino	butyl	acetyl	3-chloro	4-chloro
propylamino	butyl	acetyl	2-fluoro	4-fluoro
propylamino	butyl	acetyl	3-fluoro	4-fluoro
propylamino	butyl	acetyl	2-bromo	4-bromo
propylamino	butyl	acetyl	3-bromo	4-bromo
propylamino	butyl	acetyl	2-methoxy	4-methoxy
propylamino	butyl	acetyl	3-methoxy	4-methoxy
propylamino	butyl	acetyl	2-acetyl	H
propylamino	butyl	acetyl	3-acetyl	H
propylamino	butyl	acetyl	4-acetyl	H
propylamino	butyl	acetyl	2-benzoyl	H
propylamino	butyl	acetyl	3-benzoyl	H
propylamino	butyl	acetyl	4-benzoyl	H
propylamino	butyl	acetyl	2-cyano	H
propylamino	butyl	acetyl	3-cyano	H
propylamino	butyl	acetyl	4-cyano	H
propylamino	butyl	acetyl	2-carbamoyl	H
propylamino	butyl	acetyl	3-carbamoyl	H
propylamino	butyl	acetyl	4-carbamoyl	H
propylamino	butyl	acetyl	2-dimethylcarbamoyl	H
propylamino	butyl	acetyl	3-dimethylcarbamoyl	H
propylamino	butyl	acetyl	4-dimethylcarbamoyl	H
propylamino	butyl	acetyl	2-methylcarbamoyl	H
propylamino	butyl	acetyl	3-methylcarbamoyl	H

続く

[表169]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	acetyl	4-methylcarbonyl	H
propylamino	butyl	acetyl	2-methoxycarbonyl	H
propylamino	butyl	acetyl	3-methoxycarbonyl	H
propylamino	butyl	acetyl	4-methoxycarbonyl	H
propylamino	butyl	acetyl	2-amino	H
propylamino	butyl	acetyl	3-amino	H
propylamino	butyl	acetyl	4-amino	H
propylamino	butyl	acetyl	2-methylamino	H
propylamino	butyl	acetyl	3-methylamino	H
propylamino	butyl	acetyl	4-methylamino	H
propylamino	butyl	acetyl	2-dimethylamino	H
propylamino	butyl	acetyl	3-dimethylamino	H
propylamino	butyl	acetyl	4-dimethylamino	H
propylamino	butyl	acetyl	2-trifluoromethyl	H
propylamino	butyl	acetyl	3-trifluoromethyl	H
propylamino	butyl	acetyl	4-trifluoromethyl	H
propylamino	butyl	acetyl	2-fluoromethyl	H
propylamino	butyl	acetyl	3-fluoromethyl	H
propylamino	butyl	acetyl	4-fluoromethyl	H
propylamino	butyl	acetyl	2-hydroxy	H
propylamino	butyl	acetyl	3-hydroxy	H
propylamino	butyl	acetyl	4-hydroxy	H
propylamino	butyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	butyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	butyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	butyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	butyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	butyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	butyl	acetyl	4-chloroacetyl	H
propylamino	butyl	acetyl	3-chloroacetyl	H
propylamino	butyl	acetyl	2-chloroacetyl	H
propylamino	butyl	acetyl	4-ethoxycarbonyl	H
propylamino	butyl	acetyl	3-ethoxycarbonyl	H
propylamino	butyl	acetyl	2-ethoxycarbonyl	H
propylamino	butyl	acetyl	4-carboxy	H
propylamino	butyl	acetyl	3-carboxy	H
propylamino	butyl	acetyl	2-carboxy	H
propylamino	butyl	acetyl	4-chloromethoxy	H
propylamino	butyl	acetyl	3-chloromethoxy	H
propylamino	butyl	acetyl	2-chloromethoxy	H

続く

【表170】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	acetyl	2-chloro	H
propylamino	benzyl	acetyl	3-chloro	H
propylamino	benzyl	acetyl	4-chloro	H
propylamino	benzyl	acetyl	2-fluoro	H
propylamino	benzyl	acetyl	3-fluoro	H
propylamino	benzyl	acetyl	4-fluoro	H
propylamino	benzyl	acetyl	2-bromo	H
propylamino	benzyl	acetyl	3-bromo	H
propylamino	benzyl	acetyl	4-bromo	H
propylamino	benzyl	acetyl	2-nitro	H
propylamino	benzyl	acetyl	3-nitro	H
propylamino	benzyl	acetyl	4-nitro	H
propylamino	benzyl	acetyl	2-methoxy	H
propylamino	benzyl	acetyl	3-methoxy	H
propylamino	benzyl	acetyl	4-methoxy	H
propylamino	benzyl	acetyl	2-chloro	4-chloro
propylamino	benzyl	acetyl	3-chloro	4-chloro
propylamino	benzyl	acetyl	2-fluoro	4-fluoro
propylamino	benzyl	acetyl	3-fluoro	4-fluoro
propylamino	benzyl	acetyl	2-bromo	4-bromo
propylamino	benzyl	acetyl	3-bromo	4-bromo
propylamino	benzyl	acetyl	2-methoxy	4-methoxy
propylamino	benzyl	acetyl	3-methoxy	4-methoxy
propylamino	benzyl	acetyl	2-acetyl	H
propylamino	benzyl	acetyl	3-acetyl	H
propylamino	benzyl	acetyl	4-acetyl	H
propylamino	benzyl	acetyl	2-benzoyl	H
propylamino	benzyl	acetyl	3-benzoyl	H
propylamino	benzyl	acetyl	4-benzoyl	H
propylamino	benzyl	acetyl	2-cyano	H
propylamino	benzyl	acetyl	3-cyano	H
propylamino	benzyl	acetyl	4-cyano	H
propylamino	benzyl	acetyl	2-carbamoyl	H
propylamino	benzyl	acetyl	3-carbamoyl	H
propylamino	benzyl	acetyl	4-carbamoyl	H
propylamino	benzyl	acetyl	2-dimethylcarbamoyl	H
propylamino	benzyl	acetyl	3-dimethylcarbamoyl	H
propylamino	benzyl	acetyl	4-dimethylcarbamoyl	H
propylamino	benzyl	acetyl	2-methylcarbamoyl	H
propylamino	benzyl	acetyl	3-methylcarbamoyl	H

続く

【表171】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	acetyl	4-methylcarbamoyl	H
propylamino	benzyl	acetyl	2-methoxycarbonyl	H
propylamino	benzyl	acetyl	3-methoxycarbonyl	H
propylamino	benzyl	acetyl	4-methoxycarbonyl	H
propylamino	benzyl	acetyl	2-amino	H
propylamino	benzyl	acetyl	3-amino	H
propylamino	benzyl	acetyl	4-amino	H
propylamino	benzyl	acetyl	2-methylamino	H
propylamino	benzyl	acetyl	3-methylamino	H
propylamino	benzyl	acetyl	4-methylamino	H
propylamino	benzyl	acetyl	2-dimethylamino	H
propylamino	benzyl	acetyl	3-dimethylamino	H
propylamino	benzyl	acetyl	4-dimethylamino	H
propylamino	benzyl	acetyl	2-trifluoromethyl	H
propylamino	benzyl	acetyl	3-trifluoromethyl	H
propylamino	benzyl	acetyl	4-trifluoromethyl	H
propylamino	benzyl	acetyl	2-fluoromethyl	H
propylamino	benzyl	acetyl	3-fluoromethyl	H
propylamino	benzyl	acetyl	4-fluoromethyl	H
propylamino	benzyl	acetyl	2-hydroxy	H
propylamino	benzyl	acetyl	3-hydroxy	H
propylamino	benzyl	acetyl	4-hydroxy	H
propylamino	benzyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	benzyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	benzyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	benzyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	benzyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	benzyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	benzyl	acetyl	4-chloroacetyl	H
propylamino	benzyl	acetyl	3-chloroacetyl	H
propylamino	benzyl	acetyl	2-chloroacetyl	H
propylamino	benzyl	acetyl	4-ethoxycarbonyl	H
propylamino	benzyl	acetyl	3-ethoxycarbonyl	H
propylamino	benzyl	acetyl	2-ethoxycarbonyl	H
propylamino	benzyl	acetyl	4-carboxy	H
propylamino	benzyl	acetyl	3-carboxy	H
propylamino	benzyl	acetyl	2-carboxy	H
propylamino	benzyl	acetyl	4-chloromethoxy	H
propylamino	benzyl	acetyl	3-chloromethoxy	H
propylamino	benzyl	acetyl	2-chloromethoxy	H

続<

【表172】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	acetyl	3-chloro	H
propylamino	cyclohexylmethyl	acetyl	3-chloro	H
propylamino	cyclohexylmethyl	acetyl	4-chloro	H
propylamino	cyclohexylmethyl	acetyl	2-fluoro	H
propylamino	cyclohexylmethyl	acetyl	3-fluoro	H
propylamino	cyclohexylmethyl	acetyl	4-fluoro	H
propylamino	cyclohexylmethyl	acetyl	2-bromo	H
propylamino	cyclohexylmethyl	acetyl	3-bromo	H
propylamino	cyclohexylmethyl	acetyl	4-bromo	H
propylamino	cyclohexylmethyl	acetyl	2-nitro	H
propylamino	cyclohexylmethyl	acetyl	3-nitro	H
propylamino	cyclohexylmethyl	acetyl	4-nitro	H
propylamino	cyclohexylmethyl	acetyl	2-methoxy	H
propylamino	cyclohexylmethyl	acetyl	3-methoxy	H
propylamino	cyclohexylmethyl	acetyl	4-methoxy	H
propylamino	cyclohexylmethyl	acetyl	2-chloro	4-chloro
propylamino	cyclohexylmethyl	acetyl	3-chloro	4-chloro
propylamino	cyclohexylmethyl	acetyl	2-fluoro	4-fluoro
propylamino	cyclohexylmethyl	acetyl	3-fluoro	4-fluoro
propylamino	cyclohexylmethyl	acetyl	2-bromo	4-bromo
propylamino	cyclohexylmethyl	acetyl	3-bromo	4-bromo
propylamino	cyclohexylmethyl	acetyl	2-methoxy	4-methoxy
propylamino	cyclohexylmethyl	acetyl	3-methoxy	4-methoxy
propylamino	cyclohexylmethyl	acetyl	2-acetyl	H
propylamino	cyclohexylmethyl	acetyl	3-acetyl	H
propylamino	cyclohexylmethyl	acetyl	4-acetyl	H
propylamino	cyclohexylmethyl	acetyl	2-benzoyl	H
propylamino	cyclohexylmethyl	acetyl	3-benzoyl	H
propylamino	cyclohexylmethyl	acetyl	4-benzoyl	H
propylamino	cyclohexylmethyl	acetyl	2-cyano	H
propylamino	cyclohexylmethyl	acetyl	3-cyano	H
propylamino	cyclohexylmethyl	acetyl	4-cyano	H
propylamino	cyclohexylmethyl	acetyl	2-carbamoyl	H
propylamino	cyclohexylmethyl	acetyl	3-carbamoyl	H
propylamino	cyclohexylmethyl	acetyl	4-carbamoyl	H
propylamino	cyclohexylmethyl	acetyl	2-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	acetyl	3-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	acetyl	4-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	acetyl	2-methylcarbamoyl	H
propylamino	cyclohexylmethyl	acetyl	3-methylcarbamoyl	H

続<

【表173】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	acetyl	4-methylcarbamoyl	H
propylamino	cyclohexylmethyl	acetyl	2-methoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	3-methoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	4-methoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	2-amino	H
propylamino	cyclohexylmethyl	acetyl	3-amino	H
propylamino	cyclohexylmethyl	acetyl	4-amino	H
propylamino	cyclohexylmethyl	acetyl	2-methylamino	H
propylamino	cyclohexylmethyl	acetyl	3-methylamino	H
propylamino	cyclohexylmethyl	acetyl	4-methylamino	H
propylamino	cyclohexylmethyl	acetyl	2-dimethylamino	H
propylamino	cyclohexylmethyl	acetyl	3-dimethylamino	H
propylamino	cyclohexylmethyl	acetyl	4-dimethylamino	H
propylamino	cyclohexylmethyl	acetyl	2-trifluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	3-trifluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	4-trifluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	2-fluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	3-fluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	4-fluoromethyl	H
propylamino	cyclohexylmethyl	acetyl	2-hydroxy	H
propylamino	cyclohexylmethyl	acetyl	3-hydroxy	H
propylamino	cyclohexylmethyl	acetyl	4-hydroxy	H
propylamino	cyclohexylmethyl	acetyl	4-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	3-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	2-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	4-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	3-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	2-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	acetyl	4-chloroacetyl	H
propylamino	cyclohexylmethyl	acetyl	3-chloroacetyl	H
propylamino	cyclohexylmethyl	acetyl	2-chloroacetyl	H
propylamino	cyclohexylmethyl	acetyl	4-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	3-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	2-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	acetyl	4-carboxy	H
propylamino	cyclohexylmethyl	acetyl	3-carboxy	H
propylamino	cyclohexylmethyl	acetyl	2-carboxy	H
propylamino	cyclohexylmethyl	acetyl	4-chloromethoxy	H
propylamino	cyclohexylmethyl	acetyl	3-chloromethoxy	H
propylamino	cyclohexylmethyl	acetyl	2-chloromethoxy	H

続<

【表174】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	H	methyl	H	H
amino	methyl	methyl	H	H
amino	ethyl	methyl	H	H
amino	propyl	methyl	H	H
amino	methylethyl	methyl	H	H
amino	butyl	methyl	H	H
amino	1-methylpropyl	methyl	H	H
amino	2-methylpropyl	methyl	H	H
amino	dimethylethyl	methyl	H	H
amino	pentyl	methyl	H	H
amino	1-methylbutyl	methyl	H	H
amino	2-methylbutyl	methyl	H	H
amino	1,1-dimethylpropyl	methyl	H	H
amino	1,2-dimethylpropyl	methyl	H	H
amino	2,2-dimethylpropyl	methyl	H	H
amino	hexyl	methyl	H	H
amino	1-methylpentyl	methyl	H	H
amino	2-methylpentyl	methyl	H	H
amino	3-methylpentyl	methyl	H	H
amino	4-methylpentyl	methyl	H	H
amino	1,1-dimethylbutyl	methyl	H	H
amino	1,2-dimethylbutyl	methyl	H	H
amino	1,3-dimethylbutyl	methyl	H	H
amino	2,2-dimethylbutyl	methyl	H	H
amino	2,3-dimethylbutyl	methyl	H	H
amino	3,3-dimethylbutyl	methyl	H	H
amino	1-ethylbutyl	methyl	H	H
amino	2-ethylbutyl	methyl	H	H
amino	1,1,2-trimethylpropyl	methyl	H	H

続く

[表175]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	methyl	H	H
amino	cyclopropyl	methyl	H	H
amino	cyclopentyl	methyl	H	H
amino	cyclohexyl	methyl	H	H
amino	cycloheptyl	methyl	H	H
amino	cyclopropylmethyl	methyl	H	H
amino	cyclopentylmethyl	methyl	H	H
amino	cyclohexylmethyl	methyl	H	H
amino	cycloheptylmethyl	methyl	H	H
amino	2-cyclopropylethyl	methyl	H	H
amino	2-cyclopentylethyl	methyl	H	H
amino	2-cyclohexylethyl	methyl	H	H
amino	2-cycloheptylethyl	methyl	H	H
amino	3-cyclopropylpropyl	methyl	H	H
amino	3-cyclopentylpropyl	methyl	H	H
amino	3-cyclohexylpropyl	methyl	H	H
amino	3-cycloheptylpropyl	methyl	H	H
amino	4-cyclopropylbutyl	methyl	H	H
amino	4-cyclopentylbutyl	methyl	H	H
amino	4-cyclohexylbutyl	methyl	H	H
amino	4-cycloheptylbutyl	methyl	H	H
amino	5-cyclopropylpentyl	methyl	H	H
amino	5-cyclopentylpentyl	methyl	H	H
amino	5-cyclohexylpentyl	methyl	H	H
amino	5-cycloheptylpentyl	methyl	H	H
amino	6-methoxyhexyl	methyl	H	H
amino	5-methoxypentyl	methyl	H	H
amino	4-methoxybutyl	methyl	H	H
amino	3-methoxypropyl	methyl	H	H
amino	2-methoxyethyl	methyl	H	H
amino	2-fluoroethyl	methyl	H	H
amino	3-fluoropropyl	methyl	H	H
amino	4-fluorobutyl	methyl	H	H
amino	5-fluoropentyl	methyl	H	H
amino	6-fluorohexyl	methyl	H	H
amino	2-chloroethyl	methyl	H	H
amino	3-chloropropyl	methyl	H	H
amino	4-chlorobutyl	methyl	H	H
amino	5-chloropentyl	methyl	H	H
amino	6-chlorohexyl	methyl	H	H

続<

【表176】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylbutyl	methyl	H	H
amino	5-diethylcarbamoylpentyl	methyl	H	H
amino	6-diethylcarbamoylhexyl	methyl	H	H
amino	2,2,2-trifluoroethyl	methyl	H	H
amino	3,3,3-trifluoropropyl	methyl	H	H
amino	4,4,4-trifluorobutyl	methyl	H	H
amino	5,5,5-trifluoropentyl	methyl	H	H
amino	6,6,6-trifluorohexyl	methyl	H	H
amino	2-aminoethyl	methyl	H	H
amino	3-aminopropyl	methyl	H	H
amino	4-aminobutyl	methyl	H	H
amino	5-aminopentyl	methyl	H	H
amino	6-aminohexyl	methyl	H	H
amino	2-methylaminoethyl	methyl	H	H
amino	3-methylaminopropyl	methyl	H	H
amino	4-methylaminobutyl	methyl	H	H
amino	5-methylaminopentyl	methyl	H	H
amino	6-methylaminohexyl	methyl	H	H
amino	2-dimethylaminoethyl	methyl	H	H
amino	3-dimethylaminopropyl	methyl	H	H
amino	4-dimethylaminobutyl	methyl	H	H
amino	5-dimethylaminopentyl	methyl	H	H
amino	6-dimethylaminohexyl	methyl	H	H
amino	2-acetylaminoethyl	methyl	H	H
amino	3-acetylaminopropyl	methyl	H	H
amino	4-acetylaminobutyl	methyl	H	H
amino	5-acetylaminopentyl	methyl	H	H
amino	6-acetylaminohexyl	methyl	H	H
amino	2-benzoylaminoethyl	methyl	H	H
amino	3-benzoylaminoethyl	methyl	H	H
amino	4-benzoylaminoethyl	methyl	H	H
amino	5-benzoylaminoethyl	methyl	H	H
amino	6-benzoylaminoethyl	methyl	H	H
amino	2-ethoxyethyl	methyl	H	H
amino	3-ethoxypropyl	methyl	H	H
amino	4-ethoxybutyl	methyl	H	H
amino	5-ethoxypentyl	methyl	H	H
amino	2-propoxyethyl	methyl	H	H
amino	3-propoxypropyl	methyl	H	H

続く

【表177】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	methyl	H	H
amino	3-hydroxypropyl	methyl	H	H
amino	4-hydroxybutyl	methyl	H	H
amino	5-hydroxypentyl	methyl	H	H
amino	6-hydroxyhexyl	methyl	H	H
amino	4-hydroxyhexyl	methyl	H	H
amino	2-carboxyethyl	methyl	H	H
amino	3-carboxypropyl	methyl	H	H
amino	4-carboxybutyl	methyl	H	H
amino	5-hydroxypentyl	methyl	H	H
amino	6-carboxyhexyl	methyl	H	H
amino	2-methoxycarbonylethyl	methyl	H	H
amino	3-methoxycarbonylpropyl	methyl	H	H
amino	4-methoxycarbonylbutyl	methyl	H	H
amino	5-methoxycarbonylpentyl	methyl	H	H
amino	6-methoxycarbonylhexyl	methyl	H	H
amino	2-carbamoylethyl	methyl	H	H
amino	3-carbamoylpropyl	methyl	H	H
amino	4-carbamoylbutyl	methyl	H	H
amino	5-carbamoylpentyl	methyl	H	H
amino	6-carbamoylhexyl	methyl	H	H
amino	2-dimethylcarbamoylethyl	methyl	H	H
amino	3-dimethylcarbamoylpropyl	methyl	H	H
amino	4-dimethylcarbamoylbutyl	methyl	H	H
amino	5-dimethylcarbamoylpentyl	methyl	H	H
amino	6-dimethylcarbamoylhexyl	methyl	H	H
amino	2-methylcarbamoylethyl	methyl	H	H
amino	3-methylcarbamoylpropyl	methyl	H	H
amino	4-methylcarbamoylbutyl	methyl	H	H
amino	5-methylcarbamoylpentyl	methyl	H	H
amino	6-methylcarbamoylhexyl	methyl	H	H
amino	2-ethylcarbamoylmethyl	methyl	H	H
amino	3-ethylcarbamoylpropyl	methyl	H	H
amino	4-ethylcarbamoylbutyl	methyl	H	H
amino	5-ethylcarbamoylpentyl	methyl	H	H
amino	6-ethylcarbamoylhexyl	methyl	H	H
amino	2-diethylcarbamoylethyl	methyl	H	H
amino	3-diethylcarbamoylpropyl	methyl	H	H

続く

【表178】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	methyl	H	H
amino	2-phenylethyl	methyl	H	H
amino	4-fluorobenzyl	methyl	H	H
amino	3-fluorobenzyl	methyl	H	H
amino	2-fluorobenzyl	methyl	H	H
amino	3,4-difluorobenzyl	methyl	H	H
amino	2,6-difluorobenzyl	methyl	H	H
amino	4-chlorobenzyl	methyl	H	H
amino	3-chlorobenzyl	methyl	H	H
amino	2-chlorobenzyl	methyl	H	H
amino	2,6-dichlorobenzyl	methyl	H	H
amino	3,4-dichlorobenzyl	methyl	H	H
amino	4-methoxybenzyl	methyl	H	H
amino	3-methoxybenzyl	methyl	H	H
amino	2-methoxybenzyl	methyl	H	H
amino	3,4-dimethoxybenzyl	methyl	H	H
amino	3,4,5-trimethoxybenzyl	methyl	H	H
amino	4-hydroxybenzyl	methyl	H	H
amino	3-hydroxybenzyl	methyl	H	H
amino	2-hydroxybenzyl	methyl	H	H
amino	3,4-dihydroxybenzyl	methyl	H	H
amino	4-methylbenzyl	methyl	H	H
amino	3-methylbenzyl	methyl	H	H
amino	2-methylbenzyl	methyl	H	H
amino	4-aminobenzyl	methyl	H	H
amino	3-aminobenzyl	methyl	H	H
amino	2-aminobenzyl	methyl	H	H
amino	4-dimethylaminobenzyl	methyl	H	H
amino	3-dimethylaminobenzyl	methyl	H	H
amino	2-dimethylaminobenzyl	methyl	H	H
amino	4-carbamoylbenzyl	methyl	H	H
amino	3-carbamoylbenzyl	methyl	H	H
amino	2-carbamoylbenzyl	methyl	H	H
amino	4-dimethylcarbamoylbenzyl	methyl	H	H
amino	3-dimethylcarbamoylbenzyl	methyl	H	H
amino	2-dimethylcarbamoylbenzyl	methyl	H	H
amino	4-methylcarbamoylbenzyl	methyl	H	H
amino	3-methylcarbamoylbenzyl	methyl	H	H
amino	2-methylcarbamoylbenzyl	methyl	H	H

続く

【表179】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	methyl	H	H
amino	3-cyanobenzyl	methyl	H	H
amino	2-cyanobenzyl	methyl	H	H
amino	4-phenoxybenzyl	methyl	H	H
amino	3-phenoxybenzyl	methyl	H	H
amino	2-phenoxybenzyl	methyl	H	H
amino	4-carboxybenzyl	methyl	H	H
amino	3-carboxybenzyl	methyl	H	H
amino	2-carboxybenzyl	methyl	H	H
amino	4-methoxycarbonylbenzyl	methyl	H	H
amino	3-methoxycarbonylbenzyl	methyl	H	H
amino	2-methoxycarbonylbenzyl	methyl	H	H
amino	4-acetylbenzyl	methyl	H	H
amino	3-acetylbenzyl	methyl	H	H
amino	2-acetylbenzyl	methyl	H	H
amino	4-benzoylbenzyl	methyl	H	H
amino	3-benzoylbenzyl	methyl	H	H
amino	2-benzoylbenzyl	methyl	H	H
amino	phenyl	methyl	H	H
amino	4-fluorophenyl	methyl	H	H
amino	3-fluorophenyl	methyl	H	H
amino	2-fluorophenyl	methyl	H	H
amino	3,4-difluorophenyl	methyl	H	H
amino	2,6-difluorophenyl	methyl	H	H
amino	4-chlorophenyl	methyl	H	H
amino	3-chlorophenyl	methyl	H	H
amino	2-chlorophenyl	methyl	H	H
amino	3,4-dichlorophenyl	methyl	H	H
amino	2,6-dichlorophenyl	methyl	H	H
amino	2-methoxyphenyl	methyl	H	H
amino	3-methoxyphenyl	methyl	H	H
amino	4-methoxyphenyl	methyl	H	H
amino	3,4-dimethoxyphenyl	methyl	H	H
amino	3,4,5-trimethoxyphenyl	methyl	H	H
amino	2-hydroxyphenyl	methyl	H	H
amino	3-hydroxyphenyl	methyl	H	H
amino	4-hydroxyphenyl	methyl	H	H
amino	3,4-dihydroxyphenyl	methyl	H	H
amino	4-methylphenyl	methyl	H	H
amino	3-methylphenyl	methyl	H	H
amino	2-methylphenyl	methyl	H	H

続<

【表180】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	methyl	H	H
amino	3-aminophenyl	methyl	H	H
amino	2-aminophenyl	methyl	H	H
amino	4-dimethylaminophenyl	methyl	H	H
amino	3-dimethylaminophenyl	methyl	H	H
amino	2-dimethylaminophenyl	methyl	H	H
amino	4-methylaminophenyl	methyl	H	H
amino	3-methylaminophenyl	methyl	H	H
amino	2-methylaminophenyl	methyl	H	H
amino	4-cyanophenyl	methyl	H	H
amino	3-cyanophenyl	methyl	H	H
amino	2-cyanophenyl	methyl	H	H
amino	4-phenoxyphenyl	methyl	H	H
amino	3-phenoxyphenyl	methyl	H	H
amino	2-phenoxyphenyl	methyl	H	H
amino	4-carbamoylphenyl	methyl	H	H
amino	3-carbamoylphenyl	methyl	H	H
amino	2-carbamoylphenyl	methyl	H	H
amino	4-methylcarbamoylphenyl	methyl	H	H
amino	3-methylcarbamoylphenyl	methyl	H	H
amino	2-methylcarbamoylphenyl	methyl	H	H
amino	4-dimethylcarbamoylphenyl	methyl	H	H
amino	3-dimethylcarbamoylphenyl	methyl	H	H
amino	2-dimethylcarbamoylphenyl	methyl	H	H
amino	4-carboxyphenyl	methyl	H	H
amino	3-carboxyphenyl	methyl	H	H
amino	2-carboxyphenyl	methyl	H	H
amino	4-methoxycarbonylphenyl	methyl	H	H
amino	3-methoxycarbonylphenyl	methyl	H	H
amino	2-methoxycarbonylphenyl	methyl	H	H
amino	4-acetylphenyl	methyl	H	H
amino	3-acetylphenyl	methyl	H	H
amino	2-acetylphenyl	methyl	H	H
amino	4-benzoylphenyl	methyl	H	H
amino	3-benzoylphenyl	methyl	H	H
amino	2-benzoylphenyl	methyl	H	H
amino	2-(4-fluorophenyl)ethyl	methyl	H	H
amino	2-(4-chlorophenyl)ethyl	methyl	H	H
amino	2-(4-methoxyphenyl)ethyl	methyl	H	H

続<

【0070】

【表181】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	methyl	2-chloro	H
amino	methyl	methyl	3-chloro	H
amino	methyl	methyl	4-chloro	H
amino	methyl	methyl	2-fluoro	H
amino	methyl	methyl	3-fluoro	H
amino	methyl	methyl	4-fluoro	H
amino	methyl	methyl	2-bromo	H
amino	methyl	methyl	3-bromo	H
amino	methyl	methyl	4-bromo	H
amino	methyl	methyl	2-nitro	H
amino	methyl	methyl	3-nitro	H
amino	methyl	methyl	4-nitro	H
amino	methyl	methyl	2-methoxy	H
amino	methyl	methyl	3-methoxy	H
amino	methyl	methyl	4-methoxy	H
amino	methyl	methyl	2-chloro	4-chloro
amino	methyl	methyl	3-chloro	4-chloro
amino	methyl	methyl	2-fluoro	4-fluoro
amino	methyl	methyl	3-fluoro	4-fluoro
amino	methyl	methyl	2-bromo	4-bromo
amino	methyl	methyl	3-bromo	4-bromo
amino	methyl	methyl	2-methoxy	4-methoxy
amino	methyl	methyl	3-methoxy	4-methoxy
amino	methyl	methyl	2-acetyl	H
amino	methyl	methyl	3-acetyl	H
amino	methyl	methyl	4-acetyl	H
amino	methyl	methyl	2-benzoyl	H
amino	methyl	methyl	3-benzoyl	H
amino	methyl	methyl	4-benzoyl	H
amino	methyl	methyl	2-cyano	H
amino	methyl	methyl	3-cyano	H
amino	methyl	methyl	4-cyano	H
amino	methyl	methyl	2-carbamoyl	H
amino	methyl	methyl	3-carbamoyl	H
amino	methyl	methyl	4-carbamoyl	H
amino	methyl	methyl	2-dimethylcarbamoyl	H
amino	methyl	methyl	3-dimethylcarbamoyl	H
amino	methyl	methyl	4-dimethylcarbamoyl	H
amino	methyl	methyl	2-methylcarbamoyl	H
amino	methyl	methyl	3-methylcarbamoyl	H

続く

【表182】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	methyl	4-methylcarbamoyl	H
amino	methyl	methyl	2-methoxycarbonyl	H
amino	methyl	methyl	3-methoxycarbonyl	H
amino	methyl	methyl	4-methoxycarbonyl	H
amino	methyl	methyl	2-amino	H
amino	methyl	methyl	3-amino	H
amino	methyl	methyl	4-amino	H
amino	methyl	methyl	2-dimethylamino	H
amino	methyl	methyl	3-dimethylamino	H
amino	methyl	methyl	4-dimethylamino	H
amino	methyl	methyl	2-methylamino	H
amino	methyl	methyl	3-methylamino	H
amino	methyl	methyl	4-methylamino	H
amino	methyl	methyl	2-trifluoromethyl	H
amino	methyl	methyl	3-trifluoromethyl	H
amino	methyl	methyl	4-trifluoromethyl	H
amino	methyl	methyl	2-fluoromethyl	H
amino	methyl	methyl	3-fluoromethyl	H
amino	methyl	methyl	4-fluoromethyl	H
amino	methyl	methyl	2-hydroxy	H
amino	methyl	methyl	3-hydroxy	H
amino	methyl	methyl	4-hydroxy	H
amino	methyl	methyl	4-(4-fluorobenzoyl)	H
amino	methyl	methyl	3-(4-fluorobenzoyl)	H
amino	methyl	methyl	2-(4-fluorobenzoyl)	H
amino	methyl	methyl	4-(4-methylbenzoyl)	H
amino	methyl	methyl	3-(4-methylbenzoyl)	H
amino	methyl	methyl	2-(4-methylbenzoyl)	H
amino	methyl	methyl	4-chloroacetyl	H
amino	methyl	methyl	3-chloroacetyl	H
amino	methyl	methyl	2-chloroacetyl	H
amino	methyl	methyl	4-ethoxycarbonyl	H
amino	methyl	methyl	3-ethoxycarbonyl	H
amino	methyl	methyl	2-ethoxycarbonyl	H
amino	methyl	methyl	4-carboxy	H
amino	methyl	methyl	3-carboxy	H
amino	methyl	methyl	2-carboxy	H
amino	methyl	methyl	4-chloromethoxy	H
amino	methyl	methyl	3-chloromethoxy	H
amino	methyl	methyl	2-chloromethoxy	H

続く

【表183】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	methyl	2-chloro	H
amino	ethyl	methyl	3-chloro	H
amino	ethyl	methyl	4-chloro	H
amino	ethyl	methyl	2-fluoro	H
amino	ethyl	methyl	3-fluoro	H
amino	ethyl	methyl	4-fluoro	H
amino	ethyl	methyl	2-bromo	H
amino	ethyl	methyl	3-bromo	H
amino	ethyl	methyl	4-bromo	H
amino	ethyl	methyl	2-nitro	H
amino	ethyl	methyl	3-nitro	H
amino	ethyl	methyl	4-nitro	H
amino	ethyl	methyl	2-methoxy	H
amino	ethyl	methyl	3-methoxy	H
amino	ethyl	methyl	4-methoxy	H
amino	ethyl	methyl	2-chloro	4-chloro
amino	ethyl	methyl	3-chloro	4-chloro
amino	ethyl	methyl	2-fluoro	4-fluoro
amino	ethyl	methyl	3-fluoro	4-fluoro
amino	ethyl	methyl	2-bromo	4-bromo
amino	ethyl	methyl	3-bromo	4-bromo
amino	ethyl	methyl	2-methoxy	4-methoxy
amino	ethyl	methyl	3-methoxy	4-methoxy
amino	ethyl	methyl	2-acetyl	H
amino	ethyl	methyl	3-acetyl	H
amino	ethyl	methyl	4-acetyl	H
amino	ethyl	methyl	2-benzoyl	H
amino	ethyl	methyl	3-benzoyl	H
amino	ethyl	methyl	4-benzoyl	H
amino	ethyl	methyl	2-cyano	H
amino	ethyl	methyl	3-cyano	H
amino	ethyl	methyl	4-cyano	H
amino	ethyl	methyl	2-carbamoyl	H
amino	ethyl	methyl	3-carbamoyl	H
amino	ethyl	methyl	4-carbamoyl	H
amino	ethyl	methyl	2-dimethylcarbamoyl	H
amino	ethyl	methyl	3-dimethylcarbamoyl	H
amino	ethyl	methyl	4-dimethylcarbamoyl	H
amino	ethyl	methyl	2-methylcarbamoyl	H
amino	ethyl	methyl	3-methylcarbamoyl	H

続<

【表184】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	methyl	4-methylcarbonyl	H
amino	ethyl	methyl	2-methoxycarbonyl	H
amino	ethyl	methyl	3-methoxycarbonyl	H
amino	ethyl	methyl	4-methoxycarbonyl	H
amino	ethyl	methyl	2-amino	H
amino	ethyl	methyl	3-amino	H
amino	ethyl	methyl	4-amino	H
amino	ethyl	methyl	2-dimethylamino	H
amino	ethyl	methyl	3-dimethylamino	H
amino	ethyl	methyl	4-dimethylamino	H
amino	ethyl	methyl	2-methylamino	H
amino	ethyl	methyl	3-methylamino	H
amino	ethyl	methyl	4-methylamino	H
amino	ethyl	methyl	2-trifluoromethyl	H
amino	ethyl	methyl	3-trifluoromethyl	H
amino	ethyl	methyl	4-trifluoromethyl	H
amino	ethyl	methyl	2-fluoromethyl	H
amino	ethyl	methyl	3-fluoromethyl	H
amino	ethyl	methyl	4-fluoromethyl	H
amino	ethyl	methyl	2-hydroxy	H
amino	ethyl	methyl	3-hydroxy	H
amino	ethyl	methyl	4-hydroxy	H
amino	ethyl	methyl	4-(4-fluorobenzoyl)	H
amino	ethyl	methyl	3-(4-fluorobenzoyl)	H
amino	ethyl	methyl	2-(4-fluorobenzoyl)	H
amino	ethyl	methyl	4-(4-methylbenzoyl)	H
amino	ethyl	methyl	3-(4-methylbenzoyl)	H
amino	ethyl	methyl	2-(4-methylbenzoyl)	H
amino	ethyl	methyl	4-chloroacetyl	H
amino	ethyl	methyl	3-chloroacetyl	H
amino	ethyl	methyl	2-chloroacetyl	H
amino	ethyl	methyl	4-ethoxycarbonyl	H
amino	ethyl	methyl	3-ethoxycarbonyl	H
amino	ethyl	methyl	2-ethoxycarbonyl	H
amino	ethyl	methyl	4-carboxy	H
amino	ethyl	methyl	3-carboxy	H
amino	ethyl	methyl	2-carboxy	H
amino	ethyl	methyl	4-chloromethoxy	H
amino	ethyl	methyl	3-chloromethoxy	H
amino	ethyl	methyl	2-chloromethoxy	H

続く

【表185】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	methyl	2-chloro	H
amino	propyl	methyl	3-chloro	H
amino	propyl	methyl	4-chloro	H
amino	propyl	methyl	2-fluoro	H
amino	propyl	methyl	3-fluoro	H
amino	propyl	methyl	4-fluoro	H
amino	propyl	methyl	2-bromo	H
amino	propyl	methyl	3-bromo	H
amino	propyl	methyl	4-bromo	H
amino	propyl	methyl	2-nitro	H
amino	propyl	methyl	3-nitro	H
amino	propyl	methyl	4-nitro	H
amino	propyl	methyl	2-methoxy	H
amino	propyl	methyl	3-methoxy	H
amino	propyl	methyl	4-methoxy	H
amino	propyl	methyl	2-chloro	4-chloro
amino	propyl	methyl	3-chloro	4-chloro
amino	propyl	methyl	2-fluoro	4-fluoro
amino	propyl	methyl	3-fluoro	4-fluoro
amino	propyl	methyl	2-bromo	4-bromo
amino	propyl	methyl	3-bromo	4-bromo
amino	propyl	methyl	2-methoxy	4-methoxy
amino	propyl	methyl	3-methoxy	4-methoxy
amino	propyl	methyl	2-acetyl	H
amino	propyl	methyl	3-acetyl	H
amino	propyl	methyl	4-acetyl	H
amino	propyl	methyl	2-benzoyl	H
amino	propyl	methyl	3-benzoyl	H
amino	propyl	methyl	4-benzoyl	H
amino	propyl	methyl	2-cyano	H
amino	propyl	methyl	3-cyano	H
amino	propyl	methyl	4-cyano	H
amino	propyl	methyl	2-carbamoyl	H
amino	propyl	methyl	3-carbamoyl	H
amino	propyl	methyl	4-carbamoyl	H
amino	propyl	methyl	2-dimethylcarbamoyl	H
amino	propyl	methyl	3-dimethylcarbamoyl	H
amino	propyl	methyl	4-dimethylcarbamoyl	H
amino	propyl	methyl	2-methylcarbamoyl	H
amino	propyl	methyl	3-methylcarbamoyl	H

続く

【表186】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	methyl	4-methylcarbonyl	H
amino	propyl	methyl	2-methoxycarbonyl	H
amino	propyl	methyl	3-methoxycarbonyl	H
amino	propyl	methyl	4-methoxycarbonyl	H
amino	propyl	methyl	2-amino	H
amino	propyl	methyl	3-amino	H
amino	propyl	methyl	4-amino	H
amino	propyl	methyl	2-dimethylamino	H
amino	propyl	methyl	3-dimethylamino	H
amino	propyl	methyl	4-dimethylamino	H
amino	propyl	methyl	2-methylamino	H
amino	propyl	methyl	3-methylamino	H
amino	propyl	methyl	4-methylamino	H
amino	propyl	methyl	2-trifluoromethyl	H
amino	propyl	methyl	3-trifluoromethyl	H
amino	propyl	methyl	4-trifluoromethyl	H
amino	propyl	methyl	2-fluoromethyl	H
amino	propyl	methyl	3-fluoromethyl	H
amino	propyl	methyl	4-fluoromethyl	H
amino	propyl	methyl	2-hydroxy	H
amino	propyl	methyl	3-hydroxy	H
amino	propyl	methyl	4-hydroxy	H
amino	propyl	methyl	4-(4-fluorobenzoyl)	H
amino	propyl	methyl	3-(4-fluorobenzoyl)	H
amino	propyl	methyl	2-(4-fluorobenzoyl)	H
amino	propyl	methyl	4-(4-methylbenzoyl)	H
amino	propyl	methyl	3-(4-methylbenzoyl)	H
amino	propyl	methyl	2-(4-methylbenzoyl)	H
amino	propyl	methyl	4-chloroacetyl	H
amino	propyl	methyl	3-chloroacetyl	H
amino	propyl	methyl	2-chloroacetyl	H
amino	propyl	methyl	4-ethoxycarbonyl	H
amino	propyl	methyl	3-ethoxycarbonyl	H
amino	propyl	methyl	2-ethoxycarbonyl	H
amino	propyl	methyl	4-carboxy	H
amino	propyl	methyl	3-carboxy	H
amino	propyl	methyl	2-carboxy	H
amino	propyl	methyl	4-chloromethoxy	H
amino	propyl	methyl	3-chloromethoxy	H
amino	propyl	methyl	2-chloromethoxy	H

続<

【表187】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	methyl	2-chloro	H
amino	butyl	methyl	3-chloro	H
amino	butyl	methyl	4-chloro	H
amino	butyl	methyl	2-fluoro	H
amino	butyl	methyl	3-fluoro	H
amino	butyl	methyl	4-fluoro	H
amino	butyl	methyl	2-bromo	H
amino	butyl	methyl	3-bromo	H
amino	butyl	methyl	4-bromo	H
amino	butyl	methyl	2-nitro	H
amino	butyl	methyl	3-nitro	H
amino	butyl	methyl	4-nitro	H
amino	butyl	methyl	2-methoxy	H
amino	butyl	methyl	3-methoxy	H
amino	butyl	methyl	4-methoxy	H
amino	butyl	methyl	2-chloro	4-chloro
amino	butyl	methyl	3-chloro	4-chloro
amino	butyl	methyl	2-fluoro	4-fluoro
amino	butyl	methyl	3-fluoro	4-fluoro
amino	butyl	methyl	2-bromo	4-bromo
amino	butyl	methyl	3-bromo	4-bromo
amino	butyl	methyl	2-methoxy	4-methoxy
amino	butyl	methyl	3-methoxy	4-methoxy
amino	butyl	methyl	2-acetyl	H
amino	butyl	methyl	3-acetyl	H
amino	butyl	methyl	4-acetyl	H
amino	butyl	methyl	2-benzoyl	H
amino	butyl	methyl	3-benzoyl	H
amino	butyl	methyl	4-benzoyl	H
amino	butyl	methyl	2-cyano	H
amino	butyl	methyl	3-cyano	H
amino	butyl	methyl	4-cyano	H
amino	butyl	methyl	2-carbamoyl	H
amino	butyl	methyl	3-carbamoyl	H
amino	butyl	methyl	4-carbamoyl	H
amino	butyl	methyl	2-dimethylcarbamoyl	H
amino	butyl	methyl	3-dimethylcarbamoyl	H
amino	butyl	methyl	4-dimethylcarbamoyl	H
amino	butyl	methyl	2-methylcarbamoyl	H
amino	butyl	methyl	3-methylcarbamoyl	H

続く

【表188】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	methyl	4-methylcarbamoyl	H
amino	butyl	methyl	2-methoxycarbonyl	H
amino	butyl	methyl	3-methoxycarbonyl	H
amino	butyl	methyl	4-methoxycarbonyl	H
amino	butyl	methyl	2-amino	H
amino	butyl	methyl	3-amino	H
amino	butyl	methyl	4-amino	H
amino	butyl	methyl	2-dimethylamino	H
amino	butyl	methyl	3-dimethylamino	H
amino	butyl	methyl	4-dimethylamino	H
amino	butyl	methyl	2-methylamino	H
amino	butyl	methyl	3-methylamino	H
amino	butyl	methyl	4-methylamino	H
amino	butyl	methyl	2-trifluoromethyl	H
amino	butyl	methyl	3-trifluoromethyl	H
amino	butyl	methyl	4-trifluoromethyl	H
amino	butyl	methyl	2-fluoromethyl	H
amino	butyl	methyl	3-fluoromethyl	H
amino	butyl	methyl	4-fluoromethyl	H
amino	butyl	methyl	2-hydroxy	H
amino	butyl	methyl	3-hydroxy	H
amino	butyl	methyl	4-hydroxy	H
amino	butyl	methyl	4-(4-fluorobenzoyl)	H
amino	butyl	methyl	3-(4-fluorobenzoyl)	H
amino	butyl	methyl	2-(4-fluorobenzoyl)	H
amino	butyl	methyl	4-(4-methylbenzoyl)	H
amino	butyl	methyl	3-(4-methylbenzoyl)	H
amino	butyl	methyl	2-(4-methylbenzoyl)	H
amino	butyl	methyl	4-chloroacetyl	H
amino	butyl	methyl	3-chloroacetyl	H
amino	butyl	methyl	2-chloroacetyl	H
amino	butyl	methyl	4-ethoxycarbonyl	H
amino	butyl	methyl	3-ethoxycarbonyl	H
amino	butyl	methyl	2-ethoxycarbonyl	H
amino	butyl	methyl	4-carboxy	H
amino	butyl	methyl	3-carboxy	H
amino	butyl	methyl	2-carboxy	H
amino	butyl	methyl	4-chloromethoxy	H
amino	butyl	methyl	3-chloromethoxy	H
amino	butyl	methyl	2-chloromethoxy	H

続く

[表189]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	methyl	2-chloro	H
amino	benzyl	methyl	3-chloro	H
amino	benzyl	methyl	4-chloro	H
amino	benzyl	methyl	2-fluoro	H
amino	benzyl	methyl	3-fluoro	H
amino	benzyl	methyl	4-fluoro	H
amino	benzyl	methyl	2-bromo	H
amino	benzyl	methyl	3-bromo	H
amino	benzyl	methyl	4-bromo	H
amino	benzyl	methyl	2-nitro	H
amino	benzyl	methyl	3-nitro	H
amino	benzyl	methyl	4-nitro	H
amino	benzyl	methyl	2-methoxy	H
amino	benzyl	methyl	3-methoxy	H
amino	benzyl	methyl	4-methoxy	H
amino	benzyl	methyl	2-chloro	4-chloro
amino	benzyl	methyl	3-chloro	4-chloro
amino	benzyl	methyl	2-fluoro	4-fluoro
amino	benzyl	methyl	3-fluoro	4-fluoro
amino	benzyl	methyl	2-bromo	4-bromo
amino	benzyl	methyl	3-bromo	4-bromo
amino	benzyl	methyl	2-methoxy	4-methoxy
amino	benzyl	methyl	3-methoxy	4-methoxy
amino	benzyl	methyl	2-acetyl	H
amino	benzyl	methyl	3-acetyl	H
amino	benzyl	methyl	4-acetyl	H
amino	benzyl	methyl	2-benzoyl	H
amino	benzyl	methyl	3-benzoyl	H
amino	benzyl	methyl	4-benzoyl	H
amino	benzyl	methyl	2-cyano	H
amino	benzyl	methyl	3-cyano	H
amino	benzyl	methyl	4-cyano	H
amino	benzyl	methyl	2-carbamoyl	H
amino	benzyl	methyl	3-carbamoyl	H
amino	benzyl	methyl	4-carbamoyl	H
amino	benzyl	methyl	2-dimethylcarbamoyl	H
amino	benzyl	methyl	3-dimethylcarbamoyl	H
amino	benzyl	methyl	4-dimethylcarbamoyl	H
amino	benzyl	methyl	2-methylcarbamoyl	H
amino	benzyl	methyl	3-methylcarbamoyl	H

続く

【表190】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	methyl	4-methylcarbonyl	H
amino	benzyl	methyl	2-methoxycarbonyl	H
amino	benzyl	methyl	3-methoxycarbonyl	H
amino	benzyl	methyl	4-methoxycarbonyl	H
amino	benzyl	methyl	2-amino	H
amino	benzyl	methyl	3-amino	H
amino	benzyl	methyl	4-amino	H
amino	benzyl	methyl	2-dimethylamino	H
amino	benzyl	methyl	3-dimethylamino	H
amino	benzyl	methyl	4-dimethylamino	H
amino	benzyl	methyl	2-methylamino	H
amino	benzyl	methyl	3-methylamino	H
amino	benzyl	methyl	4-methylamino	H
amino	benzyl	methyl	2-trifluoromethyl	H
amino	benzyl	methyl	3-trifluoromethyl	H
amino	benzyl	methyl	4-trifluoromethyl	H
amino	benzyl	methyl	2-fluoromethyl	H
amino	benzyl	methyl	3-fluoromethyl	H
amino	benzyl	methyl	4-fluoromethyl	H
amino	benzyl	methyl	2-hydroxy	H
amino	benzyl	methyl	3-hydroxy	H
amino	benzyl	methyl	4-hydroxy	H
amino	benzyl	methyl	4-(4-fluorobenzoyl)	H
amino	benzyl	methyl	3-(4-fluorobenzoyl)	H
amino	benzyl	methyl	2-(4-fluorobenzoyl)	H
amino	benzyl	methyl	4-(4-methylbenzoyl)	H
amino	benzyl	methyl	3-(4-methylbenzoyl)	H
amino	benzyl	methyl	2-(4-methylbenzoyl)	H
amino	benzyl	methyl	4-chloroacetyl	H
amino	benzyl	methyl	3-chloroacetyl	H
amino	benzyl	methyl	2-chloroacetyl	H
amino	benzyl	methyl	4-ethoxycarbonyl	H
amino	benzyl	methyl	3-ethoxycarbonyl	H
amino	benzyl	methyl	2-ethoxycarbonyl	H
amino	benzyl	methyl	4-carboxy	H
amino	benzyl	methyl	3-carboxy	H
amino	benzyl	methyl	2-carboxy	H
amino	benzyl	methyl	4-chloromethoxy	H
amino	benzyl	methyl	3-chloromethoxy	H
amino	benzyl	methyl	2-chloromethoxy	H

続く

【表191】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	methyl	3-chloro	H
amino	cyclohexylmethyl	methyl	3-chloro	H
amino	cyclohexylmethyl	methyl	4-chloro	H
amino	cyclohexylmethyl	methyl	2-fluoro	H
amino	cyclohexylmethyl	methyl	3-fluoro	H
amino	cyclohexylmethyl	methyl	4-fluoro	H
amino	cyclohexylmethyl	methyl	2-bromo	H
amino	cyclohexylmethyl	methyl	3-bromo	H
amino	cyclohexylmethyl	methyl	4-bromo	H
amino	cyclohexylmethyl	methyl	2-nitro	H
amino	cyclohexylmethyl	methyl	3-nitro	H
amino	cyclohexylmethyl	methyl	4-nitro	H
amino	cyclohexylmethyl	methyl	2-methoxy	H
amino	cyclohexylmethyl	methyl	3-methoxy	H
amino	cyclohexylmethyl	methyl	4-methoxy	H
amino	cyclohexylmethyl	methyl	2-chloro	4-chloro
amino	cyclohexylmethyl	methyl	3-chloro	4-chloro
amino	cyclohexylmethyl	methyl	2-fluoro	4-fluoro
amino	cyclohexylmethyl	methyl	3-fluoro	4-fluoro
amino	cyclohexylmethyl	methyl	2-bromo	4-bromo
amino	cyclohexylmethyl	methyl	3-bromo	4-bromo
amino	cyclohexylmethyl	methyl	2-methoxy	4-methoxy
amino	cyclohexylmethyl	methyl	3-methoxy	4-methoxy
amino	cyclohexylmethyl	methyl	2-acetyl	H
amino	cyclohexylmethyl	methyl	3-acetyl	H
amino	cyclohexylmethyl	methyl	4-acetyl	H
amino	cyclohexylmethyl	methyl	2-benzoyl	H
amino	cyclohexylmethyl	methyl	3-benzoyl	H
amino	cyclohexylmethyl	methyl	4-benzoyl	H
amino	cyclohexylmethyl	methyl	2-cyano	H
amino	cyclohexylmethyl	methyl	3-cyano	H
amino	cyclohexylmethyl	methyl	4-cyano	H
amino	cyclohexylmethyl	methyl	2-carbamoyl	H
amino	cyclohexylmethyl	methyl	3-carbamoyl	H
amino	cyclohexylmethyl	methyl	4-carbamoyl	H
amino	cyclohexylmethyl	methyl	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	methyl	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	methyl	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	methyl	2-methylcarbamoyl	H
amino	cyclohexylmethyl	methyl	3-methylcarbamoyl	H

続く

[表192]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	methyl	4-methylcarbamoyl	H
amino	cyclohexylmethyl	methyl	2-methoxycarbonyl	H
amino	cyclohexylmethyl	methyl	3-methoxycarbonyl	H
amino	cyclohexylmethyl	methyl	4-methoxycarbonyl	H
amino	cyclohexylmethyl	methyl	2-amino	H
amino	cyclohexylmethyl	methyl	3-amino	H
amino	cyclohexylmethyl	methyl	4-amino	H
amino	cyclohexylmethyl	methyl	2-dimethylamino	H
amino	cyclohexylmethyl	methyl	3-dimethylamino	H
amino	cyclohexylmethyl	methyl	4-dimethylamino	H
amino	cyclohexylmethyl	methyl	2-methylamino	H
amino	cyclohexylmethyl	methyl	3-methylamino	H
amino	cyclohexylmethyl	methyl	4-methylamino	H
amino	cyclohexylmethyl	methyl	2-trifluoromethyl	H
amino	cyclohexylmethyl	methyl	3-trifluoromethyl	H
amino	cyclohexylmethyl	methyl	4-trifluoromethyl	H
amino	cyclohexylmethyl	methyl	2-fluoromethyl	H
amino	cyclohexylmethyl	methyl	3-fluoromethyl	H
amino	cyclohexylmethyl	methyl	4-fluoromethyl	H
amino	cyclohexylmethyl	methyl	2-hydroxy	H
amino	cyclohexylmethyl	methyl	3-hydroxy	H
amino	cyclohexylmethyl	methyl	4-hydroxy	H
amino	cyclohexylmethyl	methyl	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	methyl	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	methyl	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	methyl	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	methyl	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	methyl	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	methyl	4-chloroacetyl	H
amino	cyclohexylmethyl	methyl	3-chloroacetyl	H
amino	cyclohexylmethyl	methyl	2-chloroacetyl	H
amino	cyclohexylmethyl	methyl	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	methyl	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	methyl	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	methyl	4-carboxy	H
amino	cyclohexylmethyl	methyl	3-carboxy	H
amino	cyclohexylmethyl	methyl	2-carboxy	H
amino	cyclohexylmethyl	methyl	4-chloromethoxy	H
amino	cyclohexylmethyl	methyl	3-chloromethoxy	H
amino	cyclohexylmethyl	methyl	2-chloromethoxy	H

続く

[表193]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	H	methyl	H	H
methylamino	methyl	methyl	H	H
methylamino	ethyl	methyl	H	H
methylamino	propyl	methyl	H	H
methylamino	methylethyl	methyl	H	H
methylamino	butyl	methyl	H	H
methylamino	1-methylpropyl	methyl	H	H
methylamino	2-methylpropyl	methyl	H	H
methylamino	dimethylethyl	methyl	H	H
methylamino	pentyl	methyl	H	H
methylamino	1-methylbutyl	methyl	H	H
methylamino	2-methylbutyl	methyl	H	H
methylamino	1,1-dimethylpropyl	methyl	H	H
methylamino	1,2-dimethylpropyl	methyl	H	H
methylamino	2,2-dimethylpropyl	methyl	H	H
methylamino	hexyl	methyl	H	H
methylamino	1-methylpentyl	methyl	H	H
methylamino	2-methylpentyl	methyl	H	H
methylamino	3-methylpentyl	methyl	H	H
methylamino	4-methylpentyl	methyl	H	H
methylamino	1,1-dimethylbutyl	methyl	H	H
methylamino	1,2-dimethylbutyl	methyl	H	H
methylamino	1,3-dimethylbutyl	methyl	H	H
methylamino	2,2-dimethylbutyl	methyl	H	H
methylamino	2,3-dimethylbutyl	methyl	H	H
methylamino	3,3-dimethylbutyl	methyl	H	H
methylamino	1-ethylbutyl	methyl	H	H
methylamino	2-ethylbutyl	methyl	H	H
methylamino	1,1,2-trimethylpropyl	methyl	H	H
methylamino	heptyl	methyl	H	H
methylamino	cyclopropyl	methyl	H	H
methylamino	cyclopentyl	methyl	H	H
methylamino	cyclohexyl	methyl	H	H
methylamino	cycloheptyl	methyl	H	H
methylamino	cyclopropylmethyl	methyl	H	H
methylamino	cyclopentylmethyl	methyl	H	H
methylamino	cyclohexylmethyl	methyl	H	H
methylamino	cycloheptylmethyl	methyl	H	H
methylamino	2-methoxyethyl	methyl	H	H
methylamino	3-methoxypropyl	methyl	H	H

続<

【表194】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	4-methoxybutyl	methyl	H	H
methylamino	5-methoxypentyl	methyl	H	H
methylamino	5-ethoxypentyl	methyl	H	H
methylamino	2-ethoxyethyl	methyl	H	H
methylamino	3-ethoxypropyl	methyl	H	H
methylamino	4-ethoxybutyl	methyl	H	H
methylamino	2-carboxyethyl	methyl	H	H
methylamino	3-carboxypropyl	methyl	H	H
methylamino	4-carboxybutyl	methyl	H	H
methylamino	5-carboxypentyl	methyl	H	H
methylamino	2-hydroxyethyl	methyl	H	H
methylamino	3-hydroxypropyl	methyl	H	H
methylamino	4-hydroxybutyl	methyl	H	H
methylamino	5-hydroxypentyl	methyl	H	H
methylamino	2-methoxycarbonylethyl	methyl	H	H
methylamino	3-methoxycarbonylpropyl	methyl	H	H
methylamino	4-methoxycarbonylbutyl	methyl	H	H
methylamino	5-methoxycarbonylpentyl	methyl	H	H
methylamino	2-aminoethyl	methyl	H	H
methylamino	3-aminopropyl	methyl	H	H
methylamino	4-aminobutyl	methyl	H	H
methylamino	5-aminopentyl	methyl	H	H
methylamino	6-aminohexyl	methyl	H	H
methylamino	2-chloroethyl	methyl	H	H
methylamino	3-chloropropyl	methyl	H	H
methylamino	4-chlorobutyl	methyl	H	H
methylamino	5-chloropentyl	methyl	H	H
methylamino	6-chlorohexyl	methyl	H	H
methylamino	2-fluoroethyl	methyl	H	H
methylamino	3-fluoropropyl	methyl	H	H
methylamino	4-fluorobutyl	methyl	H	H
methylamino	5-fluoropentyl	methyl	H	H
methylamino	6-fluorohexyl	methyl	H	H
methylamino	2-carbamoylethyl	methyl	H	H
methylamino	3-carbamoylpropyl	methyl	H	H
methylamino	4-carbamoylbutyl	methyl	H	H
methylamino	5-carbamoylpentyl	methyl	H	H
methylamino	6-carbamoylhexyl	methyl	H	H
methylamino	3-methylcarbamoylpropyl	methyl	H	H
methylamino	4-methylcarbamoylbutyl	methyl	H	H
methylamino	5-methylcarbamoylpentyl	methyl	H	H

続く

【表195】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	methyl	H	H
methylamino	2-phenylethyl	methyl	H	H
methylamino	4-fluorobenzyl	methyl	H	H
methylamino	3-fluorobenzyl	methyl	H	H
methylamino	4-chlorobenzyl	methyl	H	H
methylamino	3-chlorobenzyl	methyl	H	H
methylamino	4-methoxybenzyl	methyl	H	H
methylamino	3-methoxybenzyl	methyl	H	H
methylamino	4-hydroxybenzyl	methyl	H	H
methylamino	3-hydroxybenzyl	methyl	H	H
methylamino	4-methylbenzyl	methyl	H	H
methylamino	3-methylbenzyl	methyl	H	H
methylamino	4-aminobenzyl	methyl	H	H
methylamino	3-aminobenzyl	methyl	H	H
methylamino	4-dimethylaminobenzyl	methyl	H	H
methylamino	3-dimethylaminobenzyl	methyl	H	H
methylamino	4-carbamoylbenzyl	methyl	H	H
methylamino	3-carbamoylbenzyl	methyl	H	H
methylamino	4-methylcarbamoylbenzyl	methyl	H	H
methylamino	3-methylcarbamoylbenzyl	methyl	H	H
methylamino	4-cyanobenzyl	methyl	H	H
methylamino	4-phenoxybenzyl	methyl	H	H
methylamino	phenyl	methyl	H	H
methylamino	4-fluorophenyl	methyl	H	H
methylamino	3-fluorophenyl	methyl	H	H
methylamino	4-chlorophenyl	methyl	H	H
methylamino	3-methoxyphenyl	methyl	H	H
methylamino	3-hydroxyphenyl	methyl	H	H
methylamino	4-methylphenyl	methyl	H	H
methylamino	3-methylphenyl	methyl	H	H
methylamino	4-aminophenyl	methyl	H	H
methylamino	3-aminophenyl	methyl	H	H
methylamino	3-dimethylaminophenyl	methyl	H	H
methylamino	4-dimethylaminophenyl	methyl	H	H
methylamino	3-carbamoylphenyl	methyl	H	H
methylamino	4-carbamoylphenyl	methyl	H	H
methylamino	3-cyanophenyl	methyl	H	H
methylamino	4-cyanophenyl	methyl	H	H
methylamino	3-phenoxyphenyl	methyl	H	H
methylamino	4-phenoxyphenyl	methyl	H	H

続く

〔表196〕

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	methyl	2-chloro	H
methylamino	methyl	methyl	3-chloro	H
methylamino	methyl	methyl	4-chloro	H
methylamino	methyl	methyl	2-fluoro	H
methylamino	methyl	methyl	3-fluoro	H
methylamino	methyl	methyl	4-fluoro	H
methylamino	methyl	methyl	2-bromo	H
methylamino	methyl	methyl	3-bromo	H
methylamino	methyl	methyl	4-bromo	H
methylamino	methyl	methyl	2-nitro	H
methylamino	methyl	methyl	3-nitro	H
methylamino	methyl	methyl	4-nitro	H
methylamino	methyl	methyl	2-methoxy	H
methylamino	methyl	methyl	3-methoxy	H
methylamino	methyl	methyl	4-methoxy	H
methylamino	methyl	methyl	2-chloro	4-chloro
methylamino	methyl	methyl	3-chloro	4-chloro
methylamino	methyl	methyl	2-fluoro	4-fluoro
methylamino	methyl	methyl	3-fluoro	4-fluoro
methylamino	methyl	methyl	2-bromo	4-bromo
methylamino	methyl	methyl	3-bromo	4-bromo
methylamino	methyl	methyl	2-methoxy	4-methoxy
methylamino	methyl	methyl	3-methoxy	4-methoxy
methylamino	methyl	methyl	2-acetyl	H
methylamino	methyl	methyl	3-acetyl	H
methylamino	methyl	methyl	4-acetyl	H
methylamino	methyl	methyl	2-benzoyl	H
methylamino	methyl	methyl	3-benzoyl	H
methylamino	methyl	methyl	4-benzoyl	H
methylamino	methyl	methyl	2-cyano	H
methylamino	methyl	methyl	3-cyano	H
methylamino	methyl	methyl	4-cyano	H
methylamino	methyl	methyl	2-carbamoyl	H
methylamino	methyl	methyl	3-carbamoyl	H
methylamino	methyl	methyl	4-carbamoyl	H
methylamino	methyl	methyl	2-dimethylcarbamoyl	H
methylamino	methyl	methyl	3-dimethylcarbamoyl	H
methylamino	methyl	methyl	4-dimethylcarbamoyl	H
methylamino	methyl	methyl	2-methylcarbamoyl	H
methylamino	methyl	methyl	3-methylcarbamoyl	H

続く

【表197】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	methyl	4-methylcarbamoyl	H
methylamino	methyl	methyl	2-methoxycarbonyl	H
methylamino	methyl	methyl	3-methoxycarbonyl	H
methylamino	methyl	methyl	4-methoxycarbonyl	H
methylamino	methyl	methyl	2-amino	H
methylamino	methyl	methyl	3-amino	H
methylamino	methyl	methyl	4-amino	H
methylamino	methyl	methyl	2-dimethylamino	H
methylamino	methyl	methyl	3-dimethylamino	H
methylamino	methyl	methyl	4-dimethylamino	H
methylamino	methyl	methyl	2-methylamino	H
methylamino	methyl	methyl	3-methylamino	H
methylamino	methyl	methyl	4-methylamino	H
methylamino	methyl	methyl	2-trifluoromethyl	H
methylamino	methyl	methyl	3-trifluoromethyl	H
methylamino	methyl	methyl	4-trifluoromethyl	H
methylamino	methyl	methyl	2-fluoromethyl	H
methylamino	methyl	methyl	3-fluoromethyl	H
methylamino	methyl	methyl	4-fluoromethyl	H
methylamino	methyl	methyl	2-hydroxy	H
methylamino	methyl	methyl	3-hydroxy	H
methylamino	methyl	methyl	4-hydroxy	H
methylamino	methyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	methyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	methyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	methyl	methyl	4-(4-methylbenzoyl)	H
methylamino	methyl	methyl	3-(4-methylbenzoyl)	H
methylamino	methyl	methyl	2-(4-methylbenzoyl)	H
methylamino	methyl	methyl	4-chloroacetyl	H
methylamino	methyl	methyl	3-chloroacetyl	H
methylamino	methyl	methyl	2-chloroacetyl	H
methylamino	methyl	methyl	4-ethoxycarbonyl	H
methylamino	methyl	methyl	3-ethoxycarbonyl	H
methylamino	methyl	methyl	2-ethoxycarbonyl	H
methylamino	methyl	methyl	4-carboxy	H
methylamino	methyl	methyl	3-carboxy	H
methylamino	methyl	methyl	2-carboxy	H
methylamino	methyl	methyl	4-chloromethoxy	H
methylamino	methyl	methyl	3-chloromethoxy	H
methylamino	methyl	methyl	2-chloromethoxy	H

続<

【表198】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	methyl	2-chloro	H
methylamino	ethyl	methyl	3-chloro	H
methylamino	ethyl	methyl	4-chloro	H
methylamino	ethyl	methyl	2-fluoro	H
methylamino	ethyl	methyl	3-fluoro	H
methylamino	ethyl	methyl	4-fluoro	H
methylamino	ethyl	methyl	2-bromo	H
methylamino	ethyl	methyl	3-bromo	H
methylamino	ethyl	methyl	4-bromo	H
methylamino	ethyl	methyl	2-nitro	H
methylamino	ethyl	methyl	3-nitro	H
methylamino	ethyl	methyl	4-nitro	H
methylamino	ethyl	methyl	2-methoxy	H
methylamino	ethyl	methyl	3-methoxy	H
methylamino	ethyl	methyl	4-methoxy	H
methylamino	ethyl	methyl	2-chloro	4-chloro
methylamino	ethyl	methyl	3-chloro	4-chloro
methylamino	ethyl	methyl	2-fluoro	4-fluoro
methylamino	ethyl	methyl	3-fluoro	4-fluoro
methylamino	ethyl	methyl	2-bromo	4-bromo
methylamino	ethyl	methyl	3-bromo	4-bromo
methylamino	ethyl	methyl	2-methoxy	4-methoxy
methylamino	ethyl	methyl	3-methoxy	4-methoxy
methylamino	ethyl	methyl	2-acetyl	H
methylamino	ethyl	methyl	3-acetyl	H
methylamino	ethyl	methyl	4-acetyl	H
methylamino	ethyl	methyl	2-benzoyl	H
methylamino	ethyl	methyl	3-benzoyl	H
methylamino	ethyl	methyl	4-benzoyl	H
methylamino	ethyl	methyl	2-cyano	H
methylamino	ethyl	methyl	3-cyano	H
methylamino	ethyl	methyl	4-cyano	H
methylamino	ethyl	methyl	2-carbamoyl	H
methylamino	ethyl	methyl	3-carbamoyl	H
methylamino	ethyl	methyl	4-carbamoyl	H
methylamino	ethyl	methyl	2-dimethylcarbamoyl	H
methylamino	ethyl	methyl	3-dimethylcarbamoyl	H
methylamino	ethyl	methyl	4-dimethylcarbamoyl	H
methylamino	ethyl	methyl	2-methylcarbamoyl	H
methylamino	ethyl	methyl	3-methylcarbamoyl	H

続く

【表199】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	methyl	4-methylcarbamoyl	H
methylamino	ethyl	methyl	2-methoxycarbonyl	H
methylamino	ethyl	methyl	3-methoxycarbonyl	H
methylamino	ethyl	methyl	4-methoxycarbonyl	H
methylamino	ethyl	methyl	2-amino	H
methylamino	ethyl	methyl	3-amino	H
methylamino	ethyl	methyl	4-amino	H
methylamino	ethyl	methyl	2-dimethylamino	H
methylamino	ethyl	methyl	3-dimethylamino	H
methylamino	ethyl	methyl	4-dimethylamino	H
methylamino	ethyl	methyl	2-methylamino	H
methylamino	ethyl	methyl	3-methylamino	H
methylamino	ethyl	methyl	4-methylamino	H
methylamino	ethyl	methyl	2-trifluoromethyl	H
methylamino	ethyl	methyl	3-trifluoromethyl	H
methylamino	ethyl	methyl	4-trifluoromethyl	H
methylamino	ethyl	methyl	2-fluoromethyl	H
methylamino	ethyl	methyl	3-fluoromethyl	H
methylamino	ethyl	methyl	4-fluoromethyl	H
methylamino	ethyl	methyl	2-hydroxy	H
methylamino	ethyl	methyl	3-hydroxy	H
methylamino	ethyl	methyl	4-hydroxy	H
methylamino	ethyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	ethyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	ethyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	ethyl	methyl	4-(4-methylbenzoyl)	H
methylamino	ethyl	methyl	3-(4-methylbenzoyl)	H
methylamino	ethyl	methyl	2-(4-methylbenzoyl)	H
methylamino	ethyl	methyl	4-chloroacetyl	H
methylamino	ethyl	methyl	3-chloroacetyl	H
methylamino	ethyl	methyl	2-chloroacetyl	H
methylamino	ethyl	methyl	4-ethoxycarbonyl	H
methylamino	ethyl	methyl	3-ethoxycarbonyl	H
methylamino	ethyl	methyl	2-ethoxycarbonyl	H
methylamino	ethyl	methyl	4-carboxy	H
methylamino	ethyl	methyl	3-carboxy	H
methylamino	ethyl	methyl	2-carboxy	H
methylamino	ethyl	methyl	4-chloromethoxy	H
methylamino	ethyl	methyl	3-chloromethoxy	H
methylamino	ethyl	methyl	2-chloromethoxy	H

続く

【表200】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	methyl	2-chloro	H
methylamino	propyl	methyl	3-chloro	H
methylamino	propyl	methyl	4-chloro	H
methylamino	propyl	methyl	2-fluoro	H
methylamino	propyl	methyl	3-fluoro	H
methylamino	propyl	methyl	4-fluoro	H
methylamino	propyl	methyl	2-bromo	H
methylamino	propyl	methyl	3-bromo	H
methylamino	propyl	methyl	4-bromo	H
methylamino	propyl	methyl	2-nitro	H
methylamino	propyl	methyl	3-nitro	H
methylamino	propyl	methyl	4-nitro	H
methylamino	propyl	methyl	2-methoxy	H
methylamino	propyl	methyl	3-methoxy	H
methylamino	propyl	methyl	4-methoxy	H
methylamino	propyl	methyl	2-chloro	4-chloro
methylamino	propyl	methyl	3-chloro	4-chloro
methylamino	propyl	methyl	2-fluoro	4-fluoro
methylamino	propyl	methyl	3-fluoro	4-fluoro
methylamino	propyl	methyl	2-bromo	4-bromo
methylamino	propyl	methyl	3-bromo	4-bromo
methylamino	propyl	methyl	2-methoxy	4-methoxy
methylamino	propyl	methyl	3-methoxy	4-methoxy
methylamino	propyl	methyl	2-acetyl	H
methylamino	propyl	methyl	3-acetyl	H
methylamino	propyl	methyl	4-acetyl	H
methylamino	propyl	methyl	2-benzoyl	H
methylamino	propyl	methyl	3-benzoyl	H
methylamino	propyl	methyl	4-benzoyl	H
methylamino	propyl	methyl	2-cyano	H
methylamino	propyl	methyl	3-cyano	H
methylamino	propyl	methyl	4-cyano	H
methylamino	propyl	methyl	2-carbamoyl	H
methylamino	propyl	methyl	3-carbamoyl	H
methylamino	propyl	methyl	4-carbamoyl	H
methylamino	propyl	methyl	2-dimethylcarbamoyl	H
methylamino	propyl	methyl	3-dimethylcarbamoyl	H
methylamino	propyl	methyl	4-dimethylcarbamoyl	H
methylamino	propyl	methyl	2-methylcarbamoyl	H
methylamino	propyl	methyl	3-methylcarbamoyl	H

続く

【0071】

【表 201】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	methyl	4-methylcarbonyl	H
methylamino	propyl	methyl	2-methoxycarbonyl	H
methylamino	propyl	methyl	3-methoxycarbonyl	H
methylamino	propyl	methyl	4-methoxycarbonyl	H
methylamino	propyl	methyl	2-amino	H
methylamino	propyl	methyl	3-amino	H
methylamino	propyl	methyl	4-amino	H
methylamino	propyl	methyl	2-dimethylamino	H
methylamino	propyl	methyl	3-dimethylamino	H
methylamino	propyl	methyl	4-dimethylamino	H
methylamino	propyl	methyl	2-methylamino	H
methylamino	propyl	methyl	3-methylamino	H
methylamino	propyl	methyl	4-methylamino	H
methylamino	propyl	methyl	2-trifluoromethyl	H
methylamino	propyl	methyl	3-trifluoromethyl	H
methylamino	propyl	methyl	4-trifluoromethyl	H
methylamino	propyl	methyl	2-fluoromethyl	H
methylamino	propyl	methyl	3-fluoromethyl	H
methylamino	propyl	methyl	4-fluoromethyl	H
methylamino	propyl	methyl	2-hydroxy	H
methylamino	propyl	methyl	3-hydroxy	H
methylamino	propyl	methyl	4-hydroxy	H
methylamino	propyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	propyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	propyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	propyl	methyl	4-(4-methylbenzoyl)	H
methylamino	propyl	methyl	3-(4-methylbenzoyl)	H
methylamino	propyl	methyl	2-(4-methylbenzoyl)	H
methylamino	propyl	methyl	4-chloroacetyl	H
methylamino	propyl	methyl	3-chloroacetyl	H
methylamino	propyl	methyl	2-chloroacetyl	H
methylamino	propyl	methyl	4-ethoxycarbonyl	H
methylamino	propyl	methyl	3-ethoxycarbonyl	H
methylamino	propyl	methyl	2-ethoxycarbonyl	H
methylamino	propyl	methyl	4-carboxy	H
methylamino	propyl	methyl	3-carboxy	H
methylamino	propyl	methyl	2-carboxy	H
methylamino	propyl	methyl	4-chloromethoxy	H
methylamino	propyl	methyl	3-chloromethoxy	H
methylamino	propyl	methyl	2-chloromethoxy	H

続く

【表202】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	methyl	2-chloro	H
methylamino	butyl	methyl	3-chloro	H
methylamino	butyl	methyl	4-chloro	H
methylamino	butyl	methyl	2-fluoro	H
methylamino	butyl	methyl	3-fluoro	H
methylamino	butyl	methyl	4-fluoro	H
methylamino	butyl	methyl	2-bromo	H
methylamino	butyl	methyl	3-bromo	H
methylamino	butyl	methyl	4-bromo	H
methylamino	butyl	methyl	2-nitro	H
methylamino	butyl	methyl	3-nitro	H
methylamino	butyl	methyl	4-nitro	H
methylamino	butyl	methyl	2-methoxy	H
methylamino	butyl	methyl	3-methoxy	H
methylamino	butyl	methyl	4-methoxy	H
methylamino	butyl	methyl	2-chloro	4-chloro
methylamino	butyl	methyl	3-chloro	4-chloro
methylamino	butyl	methyl	2-fluoro	4-fluoro
methylamino	butyl	methyl	3-fluoro	4-fluoro
methylamino	butyl	methyl	2-bromo	4-bromo
methylamino	butyl	methyl	3-bromo	4-bromo
methylamino	butyl	methyl	2-methoxy	4-methoxy
methylamino	butyl	methyl	3-methoxy	4-methoxy
methylamino	butyl	methyl	2-acetyl	H
methylamino	butyl	methyl	3-acetyl	H
methylamino	butyl	methyl	4-acetyl	H
methylamino	butyl	methyl	2-benzoyl	H
methylamino	butyl	methyl	3-benzoyl	H
methylamino	butyl	methyl	4-benzoyl	H
methylamino	butyl	methyl	2-cyano	H
methylamino	butyl	methyl	3-cyano	H
methylamino	butyl	methyl	4-cyano	H
methylamino	butyl	methyl	2-carbamoyl	H
methylamino	butyl	methyl	3-carbamoyl	H
methylamino	butyl	methyl	4-carbamoyl	H
methylamino	butyl	methyl	2-dimethylcarbamoyl	H
methylamino	butyl	methyl	3-dimethylcarbamoyl	H
methylamino	butyl	methyl	4-dimethylcarbamoyl	H
methylamino	butyl	methyl	2-methylcarbamoyl	H
methylamino	butyl	methyl	3-methylcarbamoyl	H

続く

【表 203】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	methyl	4-methylcarbonyl	H
methylamino	butyl	methyl	2-methoxycarbonyl	H
methylamino	butyl	methyl	3-methoxycarbonyl	H
methylamino	butyl	methyl	4-methoxycarbonyl	H
methylamino	butyl	methyl	2-amino	H
methylamino	butyl	methyl	3-amino	H
methylamino	butyl	methyl	4-amino	H
methylamino	butyl	methyl	2-dimethylamino	H
methylamino	butyl	methyl	3-dimethylamino	H
methylamino	butyl	methyl	4-dimethylamino	H
methylamino	butyl	methyl	2-methylamino	H
methylamino	butyl	methyl	3-methylamino	H
methylamino	butyl	methyl	4-methylamino	H
methylamino	butyl	methyl	2-trifluoromethyl	H
methylamino	butyl	methyl	3-trifluoromethyl	H
methylamino	butyl	methyl	4-trifluoromethyl	H
methylamino	butyl	methyl	2-fluoromethyl	H
methylamino	butyl	methyl	3-fluoromethyl	H
methylamino	butyl	methyl	4-fluoromethyl	H
methylamino	butyl	methyl	2-hydroxy	H
methylamino	butyl	methyl	3-hydroxy	H
methylamino	butyl	methyl	4-hydroxy	H
methylamino	butyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	butyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	butyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	butyl	methyl	4-(4-methylbenzoyl)	H
methylamino	butyl	methyl	3-(4-methylbenzoyl)	H
methylamino	butyl	methyl	2-(4-methylbenzoyl)	H
methylamino	butyl	methyl	4-chloroacetyl	H
methylamino	butyl	methyl	3-chloroacetyl	H
methylamino	butyl	methyl	2-chloroacetyl	H
methylamino	butyl	methyl	4-ethoxycarbonyl	H
methylamino	butyl	methyl	3-ethoxycarbonyl	H
methylamino	butyl	methyl	2-ethoxycarbonyl	H
methylamino	butyl	methyl	4-carboxy	H
methylamino	butyl	methyl	3-carboxy	H
methylamino	butyl	methyl	2-carboxy	H
methylamino	butyl	methyl	4-chloromethoxy	H
methylamino	butyl	methyl	3-chloromethoxy	H
methylamino	butyl	methyl	2-chloromethoxy	H

続<

【表204】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	methyl	2-chloro	H
methylamino	benzyl	methyl	3-chloro	H
methylamino	benzyl	methyl	4-chloro	H
methylamino	benzyl	methyl	2-fluoro	H
methylamino	benzyl	methyl	3-fluoro	H
methylamino	benzyl	methyl	4-fluoro	H
methylamino	benzyl	methyl	2-bromo	H
methylamino	benzyl	methyl	3-bromo	H
methylamino	benzyl	methyl	4-bromo	H
methylamino	benzyl	methyl	2-nitro	H
methylamino	benzyl	methyl	3-nitro	H
methylamino	benzyl	methyl	4-nitro	H
methylamino	benzyl	methyl	2-methoxy	H
methylamino	benzyl	methyl	3-methoxy	H
methylamino	benzyl	methyl	4-methoxy	H
methylamino	benzyl	methyl	2-chloro	4-chloro
methylamino	benzyl	methyl	3-chloro	4-chloro
methylamino	benzyl	methyl	2-fluoro	4-fluoro
methylamino	benzyl	methyl	3-fluoro	4-fluoro
methylamino	benzyl	methyl	2-bromo	4-bromo
methylamino	benzyl	methyl	3-bromo	4-bromo
methylamino	benzyl	methyl	2-methoxy	4-methoxy
methylamino	benzyl	methyl	3-methoxy	4-methoxy
methylamino	benzyl	methyl	2-acetyl	H
methylamino	benzyl	methyl	3-acetyl	H
methylamino	benzyl	methyl	4-acetyl	H
methylamino	benzyl	methyl	2-benzoyl	H
methylamino	benzyl	methyl	3-benzoyl	H
methylamino	benzyl	methyl	4-benzoyl	H
methylamino	benzyl	methyl	2-cyano	H
methylamino	benzyl	methyl	3-cyano	H
methylamino	benzyl	methyl	4-cyano	H
methylamino	benzyl	methyl	2-carbamoyl	H
methylamino	benzyl	methyl	3-carbamoyl	H
methylamino	benzyl	methyl	4-carbamoyl	H
methylamino	benzyl	methyl	2-dimethylcarbamoyl	H
methylamino	benzyl	methyl	3-dimethylcarbamoyl	H
methylamino	benzyl	methyl	4-dimethylcarbamoyl	H
methylamino	benzyl	methyl	2-methylcarbamoyl	H
methylamino	benzyl	methyl	3-methylcarbamoyl	H

続く

【表205】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	methyl	4-methylcarbamoyl	H
methylamino	benzyl	methyl	2-methoxycarbonyl	H
methylamino	benzyl	methyl	3-methoxycarbonyl	H
methylamino	benzyl	methyl	4-methoxycarbonyl	H
methylamino	benzyl	methyl	2-amino	H
methylamino	benzyl	methyl	3-amino	H
methylamino	benzyl	methyl	4-amino	H
methylamino	benzyl	methyl	2-dimethylamino	H
methylamino	benzyl	methyl	3-dimethylamino	H
methylamino	benzyl	methyl	4-dimethylamino	H
methylamino	benzyl	methyl	2-methylamino	H
methylamino	benzyl	methyl	3-methylamino	H
methylamino	benzyl	methyl	4-methylamino	H
methylamino	benzyl	methyl	2-trifluoromethyl	H
methylamino	benzyl	methyl	3-trifluoromethyl	H
methylamino	benzyl	methyl	4-trifluoromethyl	H
methylamino	benzyl	methyl	2-fluoromethyl	H
methylamino	benzyl	methyl	3-fluoromethyl	H
methylamino	benzyl	methyl	4-fluoromethyl	H
methylamino	benzyl	methyl	2-hydroxy	H
methylamino	benzyl	methyl	3-hydroxy	H
methylamino	benzyl	methyl	4-hydroxy	H
methylamino	benzyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	benzyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	benzyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	benzyl	methyl	4-(4-methylbenzoyl)	H
methylamino	benzyl	methyl	3-(4-methylbenzoyl)	H
methylamino	benzyl	methyl	2-(4-methylbenzoyl)	H
methylamino	benzyl	methyl	4-chloroacetyl	H
methylamino	benzyl	methyl	3-chloroacetyl	H
methylamino	benzyl	methyl	2-chloroacetyl	H
methylamino	benzyl	methyl	4-ethoxycarbonyl	H
methylamino	benzyl	methyl	3-ethoxycarbonyl	H
methylamino	benzyl	methyl	2-ethoxycarbonyl	H
methylamino	benzyl	methyl	4-carboxy	H
methylamino	benzyl	methyl	3-carboxy	H
methylamino	benzyl	methyl	2-carboxy	H
methylamino	benzyl	methyl	4-chloromethoxy	H
methylamino	benzyl	methyl	3-chloromethoxy	H
methylamino	benzyl	methyl	2-chloromethoxy	H

続<

[表206]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	methyl	3-chloro	H
methylamino	cyclohexylmethyl	methyl	3-chloro	H
methylamino	cyclohexylmethyl	methyl	4-chloro	H
methylamino	cyclohexylmethyl	methyl	2-fluoro	H
methylamino	cyclohexylmethyl	methyl	3-fluoro	H
methylamino	cyclohexylmethyl	methyl	4-fluoro	H
methylamino	cyclohexylmethyl	methyl	2-bromo	H
methylamino	cyclohexylmethyl	methyl	3-bromo	H
methylamino	cyclohexylmethyl	methyl	4-bromo	H
methylamino	cyclohexylmethyl	methyl	2-nitro	H
methylamino	cyclohexylmethyl	methyl	3-nitro	H
methylamino	cyclohexylmethyl	methyl	4-nitro	H
methylamino	cyclohexylmethyl	methyl	2-methoxy	H
methylamino	cyclohexylmethyl	methyl	3-methoxy	H
methylamino	cyclohexylmethyl	methyl	4-methoxy	H
methylamino	cyclohexylmethyl	methyl	2-chloro	4-chloro
methylamino	cyclohexylmethyl	methyl	3-chloro	4-chloro
methylamino	cyclohexylmethyl	methyl	2-fluoro	4-fluoro
methylamino	cyclohexylmethyl	methyl	3-fluoro	4-fluoro
methylamino	cyclohexylmethyl	methyl	2-bromo	4-bromo
methylamino	cyclohexylmethyl	methyl	3-bromo	4-bromo
methylamino	cyclohexylmethyl	methyl	2-methoxy	4-methoxy
methylamino	cyclohexylmethyl	methyl	3-methoxy	4-methoxy
methylamino	cyclohexylmethyl	methyl	2-acetyl	H
methylamino	cyclohexylmethyl	methyl	3-acetyl	H
methylamino	cyclohexylmethyl	methyl	4-acetyl	H
methylamino	cyclohexylmethyl	methyl	2-benzoyl	H
methylamino	cyclohexylmethyl	methyl	3-benzoyl	H
methylamino	cyclohexylmethyl	methyl	4-benzoyl	H
methylamino	cyclohexylmethyl	methyl	2-cyano	H
methylamino	cyclohexylmethyl	methyl	3-cyano	H
methylamino	cyclohexylmethyl	methyl	4-cyano	H
methylamino	cyclohexylmethyl	methyl	2-carbamoyl	H
methylamino	cyclohexylmethyl	methyl	3-carbamoyl	H
methylamino	cyclohexylmethyl	methyl	4-carbamoyl	H
methylamino	cyclohexylmethyl	methyl	2-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	methyl	3-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	methyl	4-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	methyl	2-methylcarbamoyl	H
methylamino	cyclohexylmethyl	methyl	3-methylcarbamoyl	H

続く

【表207】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	methyl	4-methylcarbamoyl	H
methylamino	cyclohexylmethyl	methyl	2-methoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	3-methoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	4-methoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	2-amino	H
methylamino	cyclohexylmethyl	methyl	3-amino	H
methylamino	cyclohexylmethyl	methyl	4-amino	H
methylamino	cyclohexylmethyl	methyl	2-dimethylamino	H
methylamino	cyclohexylmethyl	methyl	3-dimethylamino	H
methylamino	cyclohexylmethyl	methyl	4-dimethylamino	H
methylamino	cyclohexylmethyl	methyl	2-methylamino	H
methylamino	cyclohexylmethyl	methyl	3-methylamino	H
methylamino	cyclohexylmethyl	methyl	4-methylamino	H
methylamino	cyclohexylmethyl	methyl	2-trifluoromethyl	H
methylamino	cyclohexylmethyl	methyl	3-trifluoromethyl	H
methylamino	cyclohexylmethyl	methyl	4-trifluoromethyl	H
methylamino	cyclohexylmethyl	methyl	2-fluoromethyl	H
methylamino	cyclohexylmethyl	methyl	3-fluoromethyl	H
methylamino	cyclohexylmethyl	methyl	4-fluoromethyl	H
methylamino	cyclohexylmethyl	methyl	2-hydroxy	H
methylamino	cyclohexylmethyl	methyl	3-hydroxy	H
methylamino	cyclohexylmethyl	methyl	4-hydroxy	H
methylamino	cyclohexylmethyl	methyl	4-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	methyl	3-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	methyl	2-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	methyl	4-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	methyl	3-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	methyl	2-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	methyl	4-chloroacetyl	H
methylamino	cyclohexylmethyl	methyl	3-chloroacetyl	H
methylamino	cyclohexylmethyl	methyl	2-chloroacetyl	H
methylamino	cyclohexylmethyl	methyl	4-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	3-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	2-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	methyl	4-carboxy	H
methylamino	cyclohexylmethyl	methyl	3-carboxy	H
methylamino	cyclohexylmethyl	methyl	2-carboxy	H
methylamino	cyclohexylmethyl	methyl	4-chloromethoxy	H
methylamino	cyclohexylmethyl	methyl	3-chloromethoxy	H
methylamino	cyclohexylmethyl	methyl	2-chloromethoxy	H

続く

【表208】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	H	methyl	H	H
dimethylamino	methyl	methyl	H	H
dimethylamino	ethyl	methyl	H	H
dimethylamino	propyl	methyl	H	H
dimethylamino	methylethyl	methyl	H	H
dimethylamino	butyl	methyl	H	H
dimethylamino	1-methylpropyl	methyl	H	H
dimethylamino	2-methylpropyl	methyl	H	H
dimethylamino	dimethylethyl	methyl	H	H
dimethylamino	pentyl	methyl	H	H
dimethylamino	1-methylbutyl	methyl	H	H
dimethylamino	2-methylbutyl	methyl	H	H
dimethylamino	1,1-dimethylpropyl	methyl	H	H
dimethylamino	1,2-dimethylpropyl	methyl	H	H
dimethylamino	2,2-dimethylpropyl	methyl	H	H
dimethylamino	hexyl	methyl	H	H
dimethylamino	1-methylpentyl	methyl	H	H
dimethylamino	2-methylpentyl	methyl	H	H
dimethylamino	3-methylpentyl	methyl	H	H
dimethylamino	4-methylpentyl	methyl	H	H
dimethylamino	1,1-dimethylbutyl	methyl	H	H
dimethylamino	1,2-dimethylbutyl	methyl	H	H
dimethylamino	1,3-dimethylbutyl	methyl	H	H
dimethylamino	2,2-dimethylbutyl	methyl	H	H
dimethylamino	2,3-dimethylbutyl	methyl	H	H
dimethylamino	3,3-dimethylbutyl	methyl	H	H
dimethylamino	1-ethylbutyl	methyl	H	H
dimethylamino	2-ethylbutyl	methyl	H	H
dimethylamino	1,1,2-trimethylpropyl	methyl	H	H
dimethylamino	heptyl	methyl	H	H
dimethylamino	cyclopropyl	methyl	H	H
dimethylamino	cyclopentyl	methyl	H	H
dimethylamino	cyclohexyl	methyl	H	H
dimethylamino	cycloheptyl	methyl	H	H
dimethylamino	cyclopropylmethyl	methyl	H	H
dimethylamino	cyclopentylmethyl	methyl	H	H
dimethylamino	cyclohexylmethyl	methyl	H	H
dimethylamino	cycloheptylmethyl	methyl	H	H
dimethylamino	2-methoxyethyl	methyl	H	H
dimethylamino	3-methoxypropyl	methyl	H	H

続く

【表209】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	4-methoxybutyl	methyl	H	H
dimethylamino	5-methoxypentyl	methyl	H	H
dimethylamino	5-ethoxypentyl	methyl	H	H
dimethylamino	2-ethoxyethyl	methyl	H	H
dimethylamino	3-ethoxypropyl	methyl	H	H
dimethylamino	4-ethoxybutyl	methyl	H	H
dimethylamino	2-carboxyethyl	methyl	H	H
dimethylamino	3-carboxypropyl	methyl	H	H
dimethylamino	4-carboxybutyl	methyl	H	H
dimethylamino	5-carboxypentyl	methyl	H	H
dimethylamino	2-hydroxyethyl	methyl	H	H
dimethylamino	3-hydroxypropyl	methyl	H	H
dimethylamino	4-hydroxybutyl	methyl	H	H
dimethylamino	5-hydroxypentyl	methyl	H	H
dimethylamino	2-methoxycarbonyl ethyl	methyl	H	H
dimethylamino	3-methoxycarbonyl propyl	methyl	H	H
dimethylamino	4-methoxycarbonyl butyl	methyl	H	H
dimethylamino	5-methoxycarbonyl pentyl	methyl	H	H
dimethylamino	2-aminoethyl	methyl	H	H
dimethylamino	3-aminopropyl	methyl	H	H
dimethylamino	4-aminobutyl	methyl	H	H
dimethylamino	5-aminopentyl	methyl	H	H
dimethylamino	6-aminoethyl	methyl	H	H
dimethylamino	2-chloroethyl	methyl	H	H
dimethylamino	3-chloropropyl	methyl	H	H
dimethylamino	4-chlorobutyl	methyl	H	H
dimethylamino	5-chloropentyl	methyl	H	H
dimethylamino	6-chlorohexyl	methyl	H	H
dimethylamino	2-fluoroethyl	methyl	H	H
dimethylamino	3-fluoropropyl	methyl	H	H
dimethylamino	4-fluorobutyl	methyl	H	H
dimethylamino	5-fluoropentyl	methyl	H	H
dimethylamino	6-fluorohexyl	methyl	H	H
dimethylamino	2-carbamoyl ethyl	methyl	H	H
dimethylamino	3-carbamoyl propyl	methyl	H	H
dimethylamino	4-carbamoyl butyl	methyl	H	H
dimethylamino	5-carbamoyl pentyl	methyl	H	H
dimethylamino	6-carbamoyl hexyl	methyl	H	H
dimethylamino	3-methylcarbamoyl propyl	methyl	H	H
dimethylamino	4-methylcarbamoyl butyl	methyl	H	H
dimethylamino	5-methylcarbamoyl pentyl	methyl	H	H

続<

【表210】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	methyl	H	H
dimethylamino	2-phenylethyl	methyl	H	H
dimethylamino	4-fluorobenzyl	methyl	H	H
dimethylamino	3-fluorobenzyl	methyl	H	H
dimethylamino	4-chlorobenzyl	methyl	H	H
dimethylamino	3-chlorobenzyl	methyl	H	H
dimethylamino	4-methoxybenzyl	methyl	H	H
dimethylamino	3-methoxybenzyl	methyl	H	H
dimethylamino	4-hydroxybenzyl	methyl	H	H
dimethylamino	3-hydroxybenzyl	methyl	H	H
dimethylamino	4-methylbenzyl	methyl	H	H
dimethylamino	3-methylbenzyl	methyl	H	H
dimethylamino	4-aminobenzyl	methyl	H	H
dimethylamino	3-aminobenzyl	methyl	H	H
dimethylamino	4-dimethylaminobenzyl	methyl	H	H
dimethylamino	3-dimethylaminobenzyl	methyl	H	H
dimethylamino	4-carbamoylbenzyl	methyl	H	H
dimethylamino	3-carbamoylbenzyl	methyl	H	H
dimethylamino	4-methylcarbamoylbenzyl	methyl	H	H
dimethylamino	3-methylcarbamoylbenzyl	methyl	H	H
dimethylamino	4-cyanobenzyl	methyl	H	H
dimethylamino	4-phenoxybenzyl	methyl	H	H
dimethylamino	phenyl	methyl	H	H
dimethylamino	4-fluorophenyl	methyl	H	H
dimethylamino	3-fluorophenyl	methyl	H	H
dimethylamino	4-chlorophenyl	methyl	H	H
dimethylamino	3-methoxyphenyl	methyl	H	H
dimethylamino	3-hydroxyphenyl	methyl	H	H
dimethylamino	4-methylphenyl	methyl	H	H
dimethylamino	3-methylphenyl	methyl	H	H
dimethylamino	4-aminophenyl	methyl	H	H
dimethylamino	3-aminophenyl	methyl	H	H
dimethylamino	3-dimethylaminophenyl	methyl	H	H
dimethylamino	4-dimethylaminophenyl	methyl	H	H
dimethylamino	3-carbamoylphenyl	methyl	H	H
dimethylamino	4-carbamoylphenyl	methyl	H	H
dimethylamino	3-cyanophenyl	methyl	H	H
dimethylamino	4-cyanophenyl	methyl	H	H
dimethylamino	3-phenoxyphenyl	methyl	H	H
dimethylamino	4-phenoxyphenyl	methyl	H	H

続く

【表211】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	methyl	2-chloro	H
dimethylamino	methyl	methyl	3-chloro	H
dimethylamino	methyl	methyl	4-chloro	H
dimethylamino	methyl	methyl	2-fluoro	H
dimethylamino	methyl	methyl	3-fluoro	H
dimethylamino	methyl	methyl	4-fluoro	H
dimethylamino	methyl	methyl	2-bromo	H
dimethylamino	methyl	methyl	3-bromo	H
dimethylamino	methyl	methyl	4-bromo	H
dimethylamino	methyl	methyl	2-nitro	H
dimethylamino	methyl	methyl	3-nitro	H
dimethylamino	methyl	methyl	4-nitro	H
dimethylamino	methyl	methyl	2-methoxy	H
dimethylamino	methyl	methyl	3-methoxy	H
dimethylamino	methyl	methyl	4-methoxy	H
dimethylamino	methyl	methyl	2-chloro	4-chloro
dimethylamino	methyl	methyl	3-chloro	4-chloro
dimethylamino	methyl	methyl	2-fluoro	4-fluoro
dimethylamino	methyl	methyl	3-fluoro	4-fluoro
dimethylamino	methyl	methyl	2-bromo	4-bromo
dimethylamino	methyl	methyl	3-bromo	4-bromo
dimethylamino	methyl	methyl	2-methoxy	4-methoxy
dimethylamino	methyl	methyl	3-methoxy	4-methoxy
dimethylamino	methyl	methyl	2-acetyl	H
dimethylamino	methyl	methyl	3-acetyl	H
dimethylamino	methyl	methyl	4-acetyl	H
dimethylamino	methyl	methyl	2-benzoyl	H
dimethylamino	methyl	methyl	3-benzoyl	H
dimethylamino	methyl	methyl	4-benzoyl	H
dimethylamino	methyl	methyl	2-cyano	H
dimethylamino	methyl	methyl	3-cyano	H
dimethylamino	methyl	methyl	4-cyano	H
dimethylamino	methyl	methyl	2-carbamoyl	H
dimethylamino	methyl	methyl	3-carbamoyl	H
dimethylamino	methyl	methyl	4-carbamoyl	H
dimethylamino	methyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	methyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	methyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	methyl	methyl	2-methylcarbamoyl	H
dimethylamino	methyl	methyl	3-methylcarbamoyl	H

続<

【表212】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	methyl	4-methylcarbamoyl	H
dimethylamino	methyl	methyl	2-methoxycarbonyl	H
dimethylamino	methyl	methyl	3-methoxycarbonyl	H
dimethylamino	methyl	methyl	4-methoxycarbonyl	H
dimethylamino	methyl	methyl	2-amino	H
dimethylamino	methyl	methyl	3-amino	H
dimethylamino	methyl	methyl	4-amino	H
dimethylamino	methyl	methyl	2-methylamino	H
dimethylamino	methyl	methyl	3-methylamino	H
dimethylamino	methyl	methyl	4-methylamino	H
dimethylamino	methyl	methyl	2-dimethylamino	H
dimethylamino	methyl	methyl	3-dimethylamino	H
dimethylamino	methyl	methyl	4-dimethylamino	H
dimethylamino	methyl	methyl	2-trifluoromethyl	H
dimethylamino	methyl	methyl	3-trifluoromethyl	H
dimethylamino	methyl	methyl	4-trifluoromethyl	H
dimethylamino	methyl	methyl	2-fluoromethyl	H
dimethylamino	methyl	methyl	3-fluoromethyl	H
dimethylamino	methyl	methyl	4-fluoromethyl	H
dimethylamino	methyl	methyl	2-hydroxy	H
dimethylamino	methyl	methyl	3-hydroxy	H
dimethylamino	methyl	methyl	4-hydroxy	H
dimethylamino	methyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	methyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	methyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	methyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	methyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	methyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	methyl	methyl	4-chloroacetyl	H
dimethylamino	methyl	methyl	3-chloroacetyl	H
dimethylamino	methyl	methyl	2-chloroacetyl	H
dimethylamino	methyl	methyl	4-ethoxycarbonyl	H
dimethylamino	methyl	methyl	3-ethoxycarbonyl	H
dimethylamino	methyl	methyl	2-ethoxycarbonyl	H
dimethylamino	methyl	methyl	4-carboxy	H
dimethylamino	methyl	methyl	3-carboxy	H
dimethylamino	methyl	methyl	2-carboxy	H
dimethylamino	methyl	methyl	4-chloromethoxy	H
dimethylamino	methyl	methyl	3-chloromethoxy	H
dimethylamino	methyl	methyl	2-chloromethoxy	H

続く

【表 213】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	methyl	2-chloro	H
dimethylamino	ethyl	methyl	3-chloro	H
dimethylamino	ethyl	methyl	4-chloro	H
dimethylamino	ethyl	methyl	2-fluoro	H
dimethylamino	ethyl	methyl	3-fluoro	H
dimethylamino	ethyl	methyl	4-fluoro	H
dimethylamino	ethyl	methyl	2-bromo	H
dimethylamino	ethyl	methyl	3-bromo	H
dimethylamino	ethyl	methyl	4-bromo	H
dimethylamino	ethyl	methyl	2-nitro	H
dimethylamino	ethyl	methyl	3-nitro	H
dimethylamino	ethyl	methyl	4-nitro	H
dimethylamino	ethyl	methyl	2-methoxy	H
dimethylamino	ethyl	methyl	3-methoxy	H
dimethylamino	ethyl	methyl	4-methoxy	H
dimethylamino	ethyl	methyl	2-chloro	4-chloro
dimethylamino	ethyl	methyl	3-chloro	4-chloro
dimethylamino	ethyl	methyl	2-fluoro	4-fluoro
dimethylamino	ethyl	methyl	3-fluoro	4-fluoro
dimethylamino	ethyl	methyl	2-bromo	4-bromo
dimethylamino	ethyl	methyl	3-bromo	4-bromo
dimethylamino	ethyl	methyl	2-methoxy	4-methoxy
dimethylamino	ethyl	methyl	3-methoxy	4-methoxy
dimethylamino	ethyl	methyl	2-acetyl	H
dimethylamino	ethyl	methyl	3-acetyl	H
dimethylamino	ethyl	methyl	4-acetyl	H
dimethylamino	ethyl	methyl	2-benzoyl	H
dimethylamino	ethyl	methyl	3-benzoyl	H
dimethylamino	ethyl	methyl	4-benzoyl	H
dimethylamino	ethyl	methyl	2-cyano	H
dimethylamino	ethyl	methyl	3-cyano	H
dimethylamino	ethyl	methyl	4-cyano	H
dimethylamino	ethyl	methyl	2-carbamoyl	H
dimethylamino	ethyl	methyl	3-carbamoyl	H
dimethylamino	ethyl	methyl	4-carbamoyl	H
dimethylamino	ethyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	ethyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	ethyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	ethyl	methyl	2-methylcarbamoyl	H
dimethylamino	ethyl	methyl	3-methylcarbamoyl	H

続く

【表 214】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	methyl	4-methylcarbamoyl	H
dimethylamino	ethyl	methyl	2-methoxycarbonyl	H
dimethylamino	ethyl	methyl	3-methoxycarbonyl	H
dimethylamino	ethyl	methyl	4-methoxycarbonyl	H
dimethylamino	ethyl	methyl	2-amino	H
dimethylamino	ethyl	methyl	3-amino	H
dimethylamino	ethyl	methyl	4-amino	H
dimethylamino	ethyl	methyl	2-methylamino	H
dimethylamino	ethyl	methyl	3-methylamino	H
dimethylamino	ethyl	methyl	4-methylamino	H
dimethylamino	ethyl	methyl	2-dimethylamino	H
dimethylamino	ethyl	methyl	3-dimethylamino	H
dimethylamino	ethyl	methyl	4-dimethylamino	H
dimethylamino	ethyl	methyl	2-trifluoromethyl	H
dimethylamino	ethyl	methyl	3-trifluoromethyl	H
dimethylamino	ethyl	methyl	4-trifluoromethyl	H
dimethylamino	ethyl	methyl	2-fluoromethyl	H
dimethylamino	ethyl	methyl	3-fluoromethyl	H
dimethylamino	ethyl	methyl	4-fluoromethyl	H
dimethylamino	ethyl	methyl	2-hydroxy	H
dimethylamino	ethyl	methyl	3-hydroxy	H
dimethylamino	ethyl	methyl	4-hydroxy	H
dimethylamino	ethyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	ethyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	ethyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	ethyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	ethyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	ethyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	ethyl	methyl	4-chloroacetyl	H
dimethylamino	ethyl	methyl	3-chloroacetyl	H
dimethylamino	ethyl	methyl	2-chloroacetyl	H
dimethylamino	ethyl	methyl	4-ethoxycarbonyl	H
dimethylamino	ethyl	methyl	3-ethoxycarbonyl	H
dimethylamino	ethyl	methyl	2-ethoxycarbonyl	H
dimethylamino	ethyl	methyl	4-carboxy	H
dimethylamino	ethyl	methyl	3-carboxy	H
dimethylamino	ethyl	methyl	2-carboxy	H
dimethylamino	ethyl	methyl	4-chloromethoxy	H
dimethylamino	ethyl	methyl	3-chloromethoxy	H
dimethylamino	ethyl	methyl	2-chloromethoxy	H

続<

【表215】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	methyl	2-chloro	H
dimethylamino	propyl	methyl	3-chloro	H
dimethylamino	propyl	methyl	4-chloro	H
dimethylamino	propyl	methyl	2-fluoro	H
dimethylamino	propyl	methyl	3-fluoro	H
dimethylamino	propyl	methyl	4-fluoro	H
dimethylamino	propyl	methyl	2-bromo	H
dimethylamino	propyl	methyl	3-bromo	H
dimethylamino	propyl	methyl	4-bromo	H
dimethylamino	propyl	methyl	2-nitro	H
dimethylamino	propyl	methyl	3-nitro	H
dimethylamino	propyl	methyl	4-nitro	H
dimethylamino	propyl	methyl	2-methoxy	H
dimethylamino	propyl	methyl	3-methoxy	H
dimethylamino	propyl	methyl	4-methoxy	H
dimethylamino	propyl	methyl	2-chloro	4-chloro
dimethylamino	propyl	methyl	3-chloro	4-chloro
dimethylamino	propyl	methyl	2-fluoro	4-fluoro
dimethylamino	propyl	methyl	3-fluoro	4-fluoro
dimethylamino	propyl	methyl	2-bromo	4-bromo
dimethylamino	propyl	methyl	3-bromo	4-bromo
dimethylamino	propyl	methyl	2-methoxy	4-methoxy
dimethylamino	propyl	methyl	3-methoxy	4-methoxy
dimethylamino	propyl	methyl	2-acetyl	H
dimethylamino	propyl	methyl	3-acetyl	H
dimethylamino	propyl	methyl	4-acetyl	H
dimethylamino	propyl	methyl	2-benzoyl	H
dimethylamino	propyl	methyl	3-benzoyl	H
dimethylamino	propyl	methyl	4-benzoyl	H
dimethylamino	propyl	methyl	2-cyano	H
dimethylamino	propyl	methyl	3-cyano	H
dimethylamino	propyl	methyl	4-cyano	H
dimethylamino	propyl	methyl	2-carbamoyl	H
dimethylamino	propyl	methyl	3-carbamoyl	H
dimethylamino	propyl	methyl	4-carbamoyl	H
dimethylamino	propyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	propyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	propyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	propyl	methyl	2-methylcarbamoyl	H
dimethylamino	propyl	methyl	3-methylcarbamoyl	H

続く

【表216】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	methyl	4-methylcarbamoyl	H
dimethylamino	propyl	methyl	2-methoxycarbonyl	H
dimethylamino	propyl	methyl	3-methoxycarbonyl	H
dimethylamino	propyl	methyl	4-methoxycarbonyl	H
dimethylamino	propyl	methyl	2-amino	H
dimethylamino	propyl	methyl	3-amino	H
dimethylamino	propyl	methyl	4-amino	H
dimethylamino	propyl	methyl	2-methylamino	H
dimethylamino	propyl	methyl	3-methylamino	H
dimethylamino	propyl	methyl	4-methylamino	H
dimethylamino	propyl	methyl	2-dimethylamino	H
dimethylamino	propyl	methyl	3-dimethylamino	H
dimethylamino	propyl	methyl	4-dimethylamino	H
dimethylamino	propyl	methyl	2-trifluoromethyl	H
dimethylamino	propyl	methyl	3-trifluoromethyl	H
dimethylamino	propyl	methyl	4-trifluoromethyl	H
dimethylamino	propyl	methyl	2-fluoromethyl	H
dimethylamino	propyl	methyl	3-fluoromethyl	H
dimethylamino	propyl	methyl	4-fluoromethyl	H
dimethylamino	propyl	methyl	2-hydroxy	H
dimethylamino	propyl	methyl	3-hydroxy	H
dimethylamino	propyl	methyl	4-hydroxy	H
dimethylamino	propyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	propyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	propyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	propyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	propyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	propyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	propyl	methyl	4-chloroacetyl	H
dimethylamino	propyl	methyl	3-chloroacetyl	H
dimethylamino	propyl	methyl	2-chloroacetyl	H
dimethylamino	propyl	methyl	4-ethoxycarbonyl	H
dimethylamino	propyl	methyl	3-ethoxycarbonyl	H
dimethylamino	propyl	methyl	2-ethoxycarbonyl	H
dimethylamino	propyl	methyl	4-carboxy	H
dimethylamino	propyl	methyl	3-carboxy	H
dimethylamino	propyl	methyl	2-carboxy	H
dimethylamino	propyl	methyl	4-chloromethoxy	H
dimethylamino	propyl	methyl	3-chloromethoxy	H
dimethylamino	propyl	methyl	2-chloromethoxy	H

続く

【表217】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	methyl	2-chloro	H
dimethylamino	butyl	methyl	3-chloro	H
dimethylamino	butyl	methyl	4-chloro	H
dimethylamino	butyl	methyl	2-fluoro	H
dimethylamino	butyl	methyl	3-fluoro	H
dimethylamino	butyl	methyl	4-fluoro	H
dimethylamino	butyl	methyl	2-bromo	H
dimethylamino	butyl	methyl	3-bromo	H
dimethylamino	butyl	methyl	4-bromo	H
dimethylamino	butyl	methyl	2-nitro	H
dimethylamino	butyl	methyl	3-nitro	H
dimethylamino	butyl	methyl	4-nitro	H
dimethylamino	butyl	methyl	2-methoxy	H
dimethylamino	butyl	methyl	3-methoxy	H
dimethylamino	butyl	methyl	4-methoxy	H
dimethylamino	butyl	methyl	2-chloro	4-chloro
dimethylamino	butyl	methyl	3-chloro	4-chloro
dimethylamino	butyl	methyl	2-fluoro	4-fluoro
dimethylamino	butyl	methyl	3-fluoro	4-fluoro
dimethylamino	butyl	methyl	2-bromo	4-bromo
dimethylamino	butyl	methyl	3-bromo	4-bromo
dimethylamino	butyl	methyl	2-methoxy	4-methoxy
dimethylamino	butyl	methyl	3-methoxy	4-methoxy
dimethylamino	butyl	methyl	2-acetyl	H
dimethylamino	butyl	methyl	3-acetyl	H
dimethylamino	butyl	methyl	4-acetyl	H
dimethylamino	butyl	methyl	2-benzoyl	H
dimethylamino	butyl	methyl	3-benzoyl	H
dimethylamino	butyl	methyl	4-benzoyl	H
dimethylamino	butyl	methyl	2-cyano	H
dimethylamino	butyl	methyl	3-cyano	H
dimethylamino	butyl	methyl	4-cyano	H
dimethylamino	butyl	methyl	2-carbamoyl	H
dimethylamino	butyl	methyl	3-carbamoyl	H
dimethylamino	butyl	methyl	4-carbamoyl	H
dimethylamino	butyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	butyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	butyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	butyl	methyl	2-methylcarbamoyl	H
dimethylamino	butyl	methyl	3-methylcarbamoyl	H

続<

[表218]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	methyl	4-methylcarbonyl	H
dimethylamino	butyl	methyl	2-methoxycarbonyl	H
dimethylamino	butyl	methyl	3-methoxycarbonyl	H
dimethylamino	butyl	methyl	4-methoxycarbonyl	H
dimethylamino	butyl	methyl	2-amino	H
dimethylamino	butyl	methyl	3-amino	H
dimethylamino	butyl	methyl	4-amino	H
dimethylamino	butyl	methyl	2-methylamino	H
dimethylamino	butyl	methyl	3-methylamino	H
dimethylamino	butyl	methyl	4-methylamino	H
dimethylamino	butyl	methyl	2-dimethylamino	H
dimethylamino	butyl	methyl	3-dimethylamino	H
dimethylamino	butyl	methyl	4-dimethylamino	H
dimethylamino	butyl	methyl	2-trifluoromethyl	H
dimethylamino	butyl	methyl	3-trifluoromethyl	H
dimethylamino	butyl	methyl	4-trifluoromethyl	H
dimethylamino	butyl	methyl	2-fluoromethyl	H
dimethylamino	butyl	methyl	3-fluoromethyl	H
dimethylamino	butyl	methyl	4-fluoromethyl	H
dimethylamino	butyl	methyl	2-hydroxy	H
dimethylamino	butyl	methyl	3-hydroxy	H
dimethylamino	butyl	methyl	4-hydroxy	H
dimethylamino	butyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	butyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	butyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	butyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	butyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	butyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	butyl	methyl	4-chloroacetyl	H
dimethylamino	butyl	methyl	3-chloroacetyl	H
dimethylamino	butyl	methyl	2-chloroacetyl	H
dimethylamino	butyl	methyl	4-ethoxycarbonyl	H
dimethylamino	butyl	methyl	3-ethoxycarbonyl	H
dimethylamino	butyl	methyl	2-ethoxycarbonyl	H
dimethylamino	butyl	methyl	4-carboxy	H
dimethylamino	butyl	methyl	3-carboxy	H
dimethylamino	butyl	methyl	2-carboxy	H
dimethylamino	butyl	methyl	4-chloromethoxy	H
dimethylamino	butyl	methyl	3-chloromethoxy	H
dimethylamino	butyl	methyl	2-chloromethoxy	H

続く

【表219】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	methyl	2-chloro	H
dimethylamino	benzyl	methyl	3-chloro	H
dimethylamino	benzyl	methyl	4-chloro	H
dimethylamino	benzyl	methyl	2-fluoro	H
dimethylamino	benzyl	methyl	3-fluoro	H
dimethylamino	benzyl	methyl	4-fluoro	H
dimethylamino	benzyl	methyl	2-bromo	H
dimethylamino	benzyl	methyl	3-bromo	H
dimethylamino	benzyl	methyl	4-bromo	H
dimethylamino	benzyl	methyl	2-nitro	H
dimethylamino	benzyl	methyl	3-nitro	H
dimethylamino	benzyl	methyl	4-nitro	H
dimethylamino	benzyl	methyl	2-methoxy	H
dimethylamino	benzyl	methyl	3-methoxy	H
dimethylamino	benzyl	methyl	4-methoxy	H
dimethylamino	benzyl	methyl	2-chloro	4-chloro
dimethylamino	benzyl	methyl	3-chloro	4-chloro
dimethylamino	benzyl	methyl	2-fluoro	4-fluoro
dimethylamino	benzyl	methyl	3-fluoro	4-fluoro
dimethylamino	benzyl	methyl	2-bromo	4-bromo
dimethylamino	benzyl	methyl	3-bromo	4-bromo
dimethylamino	benzyl	methyl	2-methoxy	4-methoxy
dimethylamino	benzyl	methyl	3-methoxy	4-methoxy
dimethylamino	benzyl	methyl	2-acetyl	H
dimethylamino	benzyl	methyl	3-acetyl	H
dimethylamino	benzyl	methyl	4-acetyl	H
dimethylamino	benzyl	methyl	2-benzoyl	H
dimethylamino	benzyl	methyl	3-benzoyl	H
dimethylamino	benzyl	methyl	4-benzoyl	H
dimethylamino	benzyl	methyl	2-cyano	H
dimethylamino	benzyl	methyl	3-cyano	H
dimethylamino	benzyl	methyl	4-cyano	H
dimethylamino	benzyl	methyl	2-carbamoyl	H
dimethylamino	benzyl	methyl	3-carbamoyl	H
dimethylamino	benzyl	methyl	4-carbamoyl	H
dimethylamino	benzyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	benzyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	benzyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	benzyl	methyl	2-methylcarbamoyl	H
dimethylamino	benzyl	methyl	3-methylcarbamoyl	H

続く

【表220】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	methyl	4-methylcarbamoyl	H
dimethylamino	benzyl	methyl	2-methoxycarbonyl	H
dimethylamino	benzyl	methyl	3-methoxycarbonyl	H
dimethylamino	benzyl	methyl	4-methoxycarbonyl	H
dimethylamino	benzyl	methyl	2-amino	H
dimethylamino	benzyl	methyl	3-amino	H
dimethylamino	benzyl	methyl	4-amino	H
dimethylamino	benzyl	methyl	2-methylamino	H
dimethylamino	benzyl	methyl	3-methylamino	H
dimethylamino	benzyl	methyl	4-methylamino	H
dimethylamino	benzyl	methyl	2-dimethylamino	H
dimethylamino	benzyl	methyl	3-dimethylamino	H
dimethylamino	benzyl	methyl	4-dimethylamino	H
dimethylamino	benzyl	methyl	2-trifluoromethyl	H
dimethylamino	benzyl	methyl	3-trifluoromethyl	H
dimethylamino	benzyl	methyl	4-trifluoromethyl	H
dimethylamino	benzyl	methyl	2-fluoromethyl	H
dimethylamino	benzyl	methyl	3-fluoromethyl	H
dimethylamino	benzyl	methyl	4-fluoromethyl	H
dimethylamino	benzyl	methyl	2-hydroxy	H
dimethylamino	benzyl	methyl	3-hydroxy	H
dimethylamino	benzyl	methyl	4-hydroxy	H
dimethylamino	benzyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	benzyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	benzyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	benzyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	benzyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	benzyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	benzyl	methyl	4-chloroacetyl	H
dimethylamino	benzyl	methyl	3-chloroacetyl	H
dimethylamino	benzyl	methyl	2-chloroacetyl	H
dimethylamino	benzyl	methyl	4-ethoxycarbonyl	H
dimethylamino	benzyl	methyl	3-ethoxycarbonyl	H
dimethylamino	benzyl	methyl	2-ethoxycarbonyl	H
dimethylamino	benzyl	methyl	4-carboxy	H
dimethylamino	benzyl	methyl	3-carboxy	H
dimethylamino	benzyl	methyl	2-carboxy	H
dimethylamino	benzyl	methyl	4-chloromethoxy	H
dimethylamino	benzyl	methyl	3-chloromethoxy	H
dimethylamino	benzyl	methyl	2-chloromethoxy	H

続く

【0072】

【表221】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	methyl	3-chloro	H
dimethylamino	cyclohexylmethyl	methyl	3-chloro	H
dimethylamino	cyclohexylmethyl	methyl	4-chloro	H
dimethylamino	cyclohexylmethyl	methyl	2-fluoro	H
dimethylamino	cyclohexylmethyl	methyl	3-fluoro	H
dimethylamino	cyclohexylmethyl	methyl	4-fluoro	H
dimethylamino	cyclohexylmethyl	methyl	2-bromo	H
dimethylamino	cyclohexylmethyl	methyl	3-bromo	H
dimethylamino	cyclohexylmethyl	methyl	4-bromo	H
dimethylamino	cyclohexylmethyl	methyl	2-nitro	H
dimethylamino	cyclohexylmethyl	methyl	3-nitro	H
dimethylamino	cyclohexylmethyl	methyl	4-nitro	H
dimethylamino	cyclohexylmethyl	methyl	2-methoxy	H
dimethylamino	cyclohexylmethyl	methyl	3-methoxy	H
dimethylamino	cyclohexylmethyl	methyl	4-methoxy	H
dimethylamino	cyclohexylmethyl	methyl	2-chloro	4-chloro
dimethylamino	cyclohexylmethyl	methyl	3-chloro	4-chloro
dimethylamino	cyclohexylmethyl	methyl	2-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	methyl	3-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	methyl	2-bromo	4-bromo
dimethylamino	cyclohexylmethyl	methyl	3-bromo	4-bromo
dimethylamino	cyclohexylmethyl	methyl	2-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	methyl	3-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	methyl	2-acetyl	H
dimethylamino	cyclohexylmethyl	methyl	3-acetyl	H
dimethylamino	cyclohexylmethyl	methyl	4-acetyl	H
dimethylamino	cyclohexylmethyl	methyl	2-benzoyl	H
dimethylamino	cyclohexylmethyl	methyl	3-benzoyl	H
dimethylamino	cyclohexylmethyl	methyl	4-benzoyl	H
dimethylamino	cyclohexylmethyl	methyl	2-cyano	H
dimethylamino	cyclohexylmethyl	methyl	3-cyano	H
dimethylamino	cyclohexylmethyl	methyl	4-cyano	H
dimethylamino	cyclohexylmethyl	methyl	2-carbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	3-carbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	4-carbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	2-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	3-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	4-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	2-methylcarbamoyl	H
dimethylamino	cyclohexylmethyl	methyl	3-methylcarbamoyl	H

続く

【表222】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	methyl	4-methylcarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	2-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	3-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	4-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	2-amino	H
dimethylamino	cyclohexylmethyl	methyl	3-amino	H
dimethylamino	cyclohexylmethyl	methyl	4-amino	H
dimethylamino	cyclohexylmethyl	methyl	2-methylamino	H
dimethylamino	cyclohexylmethyl	methyl	3-methylamino	H
dimethylamino	cyclohexylmethyl	methyl	4-methylamino	H
dimethylamino	cyclohexylmethyl	methyl	2-dimethylamino	H
dimethylamino	cyclohexylmethyl	methyl	3-dimethylamino	H
dimethylamino	cyclohexylmethyl	methyl	4-dimethylamino	H
dimethylamino	cyclohexylmethyl	methyl	2-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	3-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	4-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	2-fluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	3-fluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	4-fluoromethyl	H
dimethylamino	cyclohexylmethyl	methyl	2-hydroxy	H
dimethylamino	cyclohexylmethyl	methyl	3-hydroxy	H
dimethylamino	cyclohexylmethyl	methyl	4-hydroxy	H
dimethylamino	cyclohexylmethyl	methyl	4-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	3-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	2-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	4-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	3-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	2-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	methyl	4-chloroacetyl	H
dimethylamino	cyclohexylmethyl	methyl	3-chloroacetyl	H
dimethylamino	cyclohexylmethyl	methyl	2-chloroacetyl	H
dimethylamino	cyclohexylmethyl	methyl	4-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	3-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	2-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	methyl	4-carboxy	H
dimethylamino	cyclohexylmethyl	methyl	3-carboxy	H
dimethylamino	cyclohexylmethyl	methyl	2-carboxy	H
dimethylamino	cyclohexylmethyl	methyl	4-chloromethoxy	H
dimethylamino	cyclohexylmethyl	methyl	3-chloromethoxy	H
dimethylamino	cyclohexylmethyl	methyl	2-chloromethoxy	H

続<

【表223】

表1の続き				
R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	H	methyl	H	H
ethylamino	methyl	methyl	H	H
ethylamino	ethyl	methyl	H	H
ethylamino	propyl	methyl	H	H
ethylamino	methylethyl	methyl	H	H
ethylamino	butyl	methyl	H	H
ethylamino	1-methylpropyl	methyl	H	H
ethylamino	2-methylpropyl	methyl	H	H
ethylamino	dimethylethyl	methyl	H	H
ethylamino	pentyl	methyl	H	H
ethylamino	1-methylbutyl	methyl	H	H
ethylamino	2-methylbutyl	methyl	H	H
ethylamino	1,1-dimethylpropyl	methyl	H	H
ethylamino	1,2-dimethylpropyl	methyl	H	H
ethylamino	2,2-dimethylpropyl	methyl	H	H
ethylamino	hexyl	methyl	H	H
ethylamino	1-methylpentyl	methyl	H	H
ethylamino	2-methylpentyl	methyl	H	H
ethylamino	3-methylpentyl	methyl	H	H
ethylamino	4-methylpentyl	methyl	H	H
ethylamino	1,1-dimethylbutyl	methyl	H	H
ethylamino	1,2-dimethylbutyl	methyl	H	H
ethylamino	1,3-dimethylbutyl	methyl	H	H
ethylamino	2,2-dimethylbutyl	methyl	H	H
ethylamino	2,3-dimethylbutyl	methyl	H	H
ethylamino	3,3-dimethylbutyl	methyl	H	H
ethylamino	1-ethylbutyl	methyl	H	H
ethylamino	2-ethylbutyl	methyl	H	H
ethylamino	1,1,2-trimethylpropyl	methyl	H	H
ethylamino	heptyl	methyl	H	H
ethylamino	cyclopropyl	methyl	H	H
ethylamino	cyclopentyl	methyl	H	H
ethylamino	cyclohexyl	methyl	H	H
ethylamino	cycloheptyl	methyl	H	H
ethylamino	cyclopropylmethyl	methyl	H	H
ethylamino	cyclopentylmethyl	methyl	H	H
ethylamino	cyclohexylmethyl	methyl	H	H
ethylamino	cycloheptylmethyl	methyl	H	H
ethylamino	2-methoxyethyl	methyl	H	H
ethylamino	3-methoxypropyl	methyl	H	H

続く

【表 224】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	4-methoxybutyl	methyl	H	H
ethylamino	5-methoxypentyl	methyl	H	H
ethylamino	5-ethoxypentyl	methyl	H	H
ethylamino	2-ethoxyethyl	methyl	H	H
ethylamino	3-ethoxypropyl	methyl	H	H
ethylamino	4-ethoxybutyl	methyl	H	H
ethylamino	2-carboxyethyl	methyl	H	H
ethylamino	3-carboxypropyl	methyl	H	H
ethylamino	4-carboxybutyl	methyl	H	H
ethylamino	5-carboxypentyl	methyl	H	H
ethylamino	2-hydroxyethyl	methyl	H	H
ethylamino	3-hydroxypropyl	methyl	H	H
ethylamino	4-hydroxybutyl	methyl	H	H
ethylamino	5-hydroxypentyl	methyl	H	H
ethylamino	2-methoxycarbonylethyl	methyl	H	H
ethylamino	3-methoxycarbonylpropyl	methyl	H	H
ethylamino	4-methoxycarbonylbutyl	methyl	H	H
ethylamino	5-methoxycarbonylpentyl	methyl	H	H
ethylamino	2-aminoethyl	methyl	H	H
ethylamino	3-aminopropyl	methyl	H	H
ethylamino	4-aminobutyl	methyl	H	H
ethylamino	5-aminopentyl	methyl	H	H
ethylamino	6-aminohexyl	methyl	H	H
ethylamino	2-chloroethyl	methyl	H	H
ethylamino	3-chloropropyl	methyl	H	H
ethylamino	4-chlorobutyl	methyl	H	H
ethylamino	5-chloropentyl	methyl	H	H
ethylamino	6-chlorohexyl	methyl	H	H
ethylamino	2-fluoroethyl	methyl	H	H
ethylamino	3-fluoropropyl	methyl	H	H
ethylamino	4-fluorobutyl	methyl	H	H
ethylamino	5-fluoropentyl	methyl	H	H
ethylamino	6-fluorohexyl	methyl	H	H
ethylamino	2-carbamoylethyl	methyl	H	H
ethylamino	3-carbamoylpropyl	methyl	H	H
ethylamino	4-carbamoylbutyl	methyl	H	H
ethylamino	5-carbamoylpentyl	methyl	H	H
ethylamino	6-carbamoylhexyl	methyl	H	H
ethylamino	3-methylcarbamoylpropyl	methyl	H	H
ethylamino	4-methylcarbamoylbutyl	methyl	H	H
ethylamino	5-methylcarbamoylpentyl	methyl	H	H

続く

【表225】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	methyl	H	H
ethylamino	2-phenylethyl	methyl	H	H
ethylamino	4-fluorobenzyl	methyl	H	H
ethylamino	3-fluorobenzyl	methyl	H	H
ethylamino	4-chlorobenzyl	methyl	H	H
ethylamino	3-chlorobenzyl	methyl	H	H
ethylamino	4-methoxybenzyl	methyl	H	H
ethylamino	3-methoxybenzyl	methyl	H	H
ethylamino	4-hydroxybenzyl	methyl	H	H
ethylamino	3-hydroxybenzyl	methyl	H	H
ethylamino	4-methylbenzyl	methyl	H	H
ethylamino	3-methylbenzyl	methyl	H	H
ethylamino	4-aminobenzyl	methyl	H	H
ethylamino	3-aminobenzyl	methyl	H	H
ethylamino	4-dimethylaminobenzyl	methyl	H	H
ethylamino	3-dimethylaminobenzyl	methyl	H	H
ethylamino	4-carbamoylbenzyl	methyl	H	H
ethylamino	3-carbamoylbenzyl	methyl	H	H
ethylamino	4-methylcarbamoylbenzyl	methyl	H	H
ethylamino	3-methylcarbamoylbenzyl	methyl	H	H
ethylamino	4-cyanobenzyl	methyl	H	H
ethylamino	4-phenoxybenzyl	methyl	H	H
ethylamino	phenyl	methyl	H	H
ethylamino	4-fluorophenyl	methyl	H	H
ethylamino	3-fluorophenyl	methyl	H	H
ethylamino	4-chlorophenyl	methyl	H	H
ethylamino	3-methoxyphenyl	methyl	H	H
ethylamino	3-hydroxyphenyl	methyl	H	H
ethylamino	4-methylphenyl	methyl	H	H
ethylamino	3-methylphenyl	methyl	H	H
ethylamino	4-aminophenyl	methyl	H	H
ethylamino	3-aminophenyl	methyl	H	H
ethylamino	3-dimethylaminophenyl	methyl	H	H
ethylamino	4-dimethylaminophenyl	methyl	H	H
ethylamino	3-carbamoylphenyl	methyl	H	H
ethylamino	4-carbamoylphenyl	methyl	H	H
ethylamino	3-cyanophenyl	methyl	H	H
ethylamino	4-cyanophenyl	methyl	H	H
ethylamino	3-phenoxyphenyl	methyl	H	H
ethylamino	4-phenoxyphenyl	methyl	H	H

続く

【表226】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	methyl	2-chloro	H
ethylamino	methyl	methyl	3-chloro	H
ethylamino	methyl	methyl	4-chloro	H
ethylamino	methyl	methyl	2-fluoro	H
ethylamino	methyl	methyl	3-fluoro	H
ethylamino	methyl	methyl	4-fluoro	H
ethylamino	methyl	methyl	2-bromo	H
ethylamino	methyl	methyl	3-bromo	H
ethylamino	methyl	methyl	4-bromo	H
ethylamino	methyl	methyl	2-nitro	H
ethylamino	methyl	methyl	3-nitro	H
ethylamino	methyl	methyl	4-nitro	H
ethylamino	methyl	methyl	2-methoxy	H
ethylamino	methyl	methyl	3-methoxy	H
ethylamino	methyl	methyl	4-methoxy	H
ethylamino	methyl	methyl	2-chloro	4-chloro
ethylamino	methyl	methyl	3-chloro	4-chloro
ethylamino	methyl	methyl	2-fluoro	4-fluoro
ethylamino	methyl	methyl	3-fluoro	4-fluoro
ethylamino	methyl	methyl	2-bromo	4-bromo
ethylamino	methyl	methyl	3-bromo	4-bromo
ethylamino	methyl	methyl	2-methoxy	4-methoxy
ethylamino	methyl	methyl	3-methoxy	4-methoxy
ethylamino	methyl	methyl	2-acetyl	H
ethylamino	methyl	methyl	3-acetyl	H
ethylamino	methyl	methyl	4-acetyl	H
ethylamino	methyl	methyl	2-benzoyl	H
ethylamino	methyl	methyl	3-benzoyl	H
ethylamino	methyl	methyl	4-benzoyl	H
ethylamino	methyl	methyl	2-cyano	H
ethylamino	methyl	methyl	3-cyano	H
ethylamino	methyl	methyl	4-cyano	H
ethylamino	methyl	methyl	2-carbamoyl	H
ethylamino	methyl	methyl	3-carbamoyl	H
ethylamino	methyl	methyl	4-carbamoyl	H
ethylamino	methyl	methyl	2-dimethylcarbamoyl	H
ethylamino	methyl	methyl	3-dimethylcarbamoyl	H
ethylamino	methyl	methyl	4-dimethylcarbamoyl	H
ethylamino	methyl	methyl	2-methylcarbamoyl	H
ethylamino	methyl	methyl	3-methylcarbamoyl	H

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【表227】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	methyl	4-methylcarbamoyl	H
ethylamino	methyl	methyl	2-methoxycarbonyl	H
ethylamino	methyl	methyl	3-methoxycarbonyl	H
ethylamino	methyl	methyl	4-methoxycarbonyl	H
ethylamino	methyl	methyl	2-amino	H
ethylamino	methyl	methyl	3-amino	H
ethylamino	methyl	methyl	4-amino	H
ethylamino	methyl	methyl	2-methylamino	H
ethylamino	methyl	methyl	3-methylamino	H
ethylamino	methyl	methyl	4-methylamino	H
ethylamino	methyl	methyl	2-dimethylamino	H
ethylamino	methyl	methyl	3-dimethylamino	H
ethylamino	methyl	methyl	4-dimethylamino	H
ethylamino	methyl	methyl	2-trifluoromethyl	H
ethylamino	methyl	methyl	3-trifluoromethyl	H
ethylamino	methyl	methyl	4-trifluoromethyl	H
ethylamino	methyl	methyl	2-fluoromethyl	H
ethylamino	methyl	methyl	3-fluoromethyl	H
ethylamino	methyl	methyl	4-fluoromethyl	H
ethylamino	methyl	methyl	2-hydroxy	H
ethylamino	methyl	methyl	3-hydroxy	H
ethylamino	methyl	methyl	4-hydroxy	H
ethylamino	methyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	methyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	methyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	methyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	methyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	methyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	methyl	methyl	4-chloroacetyl	H
ethylamino	methyl	methyl	3-chloroacetyl	H
ethylamino	methyl	methyl	2-chloroacetyl	H
ethylamino	methyl	methyl	4-ethoxycarbonyl	H
ethylamino	methyl	methyl	3-ethoxycarbonyl	H
ethylamino	methyl	methyl	2-ethoxycarbonyl	H
ethylamino	methyl	methyl	4-carboxy	H
ethylamino	methyl	methyl	3-carboxy	H
ethylamino	methyl	methyl	2-carboxy	H
ethylamino	methyl	methyl	4-chloromethoxy	H
ethylamino	methyl	methyl	3-chloromethoxy	H
ethylamino	methyl	methyl	2-chloromethoxy	H

続<

【表228】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	methyl	2-chloro	H
ethylamino	ethyl	methyl	3-chloro	H
ethylamino	ethyl	methyl	4-chloro	H
ethylamino	ethyl	methyl	2-fluoro	H
ethylamino	ethyl	methyl	3-fluoro	H
ethylamino	ethyl	methyl	4-fluoro	H
ethylamino	ethyl	methyl	2-bromo	H
ethylamino	ethyl	methyl	3-bromo	H
ethylamino	ethyl	methyl	4-bromo	H
ethylamino	ethyl	methyl	2-nitro	H
ethylamino	ethyl	methyl	3-nitro	H
ethylamino	ethyl	methyl	4-nitro	H
ethylamino	ethyl	methyl	2-methoxy	H
ethylamino	ethyl	methyl	3-methoxy	H
ethylamino	ethyl	methyl	4-methoxy	H
ethylamino	ethyl	methyl	2-chloro	4-chloro
ethylamino	ethyl	methyl	3-chloro	4-chloro
ethylamino	ethyl	methyl	2-fluoro	4-fluoro
ethylamino	ethyl	methyl	3-fluoro	4-fluoro
ethylamino	ethyl	methyl	2-bromo	4-bromo
ethylamino	ethyl	methyl	3-bromo	4-bromo
ethylamino	ethyl	methyl	2-methoxy	4-methoxy
ethylamino	ethyl	methyl	3-methoxy	4-methoxy
ethylamino	ethyl	methyl	2-acetyl	H
ethylamino	ethyl	methyl	3-acetyl	H
ethylamino	ethyl	methyl	4-acetyl	H
ethylamino	ethyl	methyl	2-benzoyl	H
ethylamino	ethyl	methyl	3-benzoyl	H
ethylamino	ethyl	methyl	4-benzoyl	H
ethylamino	ethyl	methyl	2-cyano	H
ethylamino	ethyl	methyl	3-cyano	H
ethylamino	ethyl	methyl	4-cyano	H
ethylamino	ethyl	methyl	2-carbamoyl	H
ethylamino	ethyl	methyl	3-carbamoyl	H
ethylamino	ethyl	methyl	4-carbamoyl	H
ethylamino	ethyl	methyl	2-dimethylcarbamoyl	H
ethylamino	ethyl	methyl	3-dimethylcarbamoyl	H
ethylamino	ethyl	methyl	4-dimethylcarbamoyl	H
ethylamino	ethyl	methyl	2-methylcarbamoyl	H
ethylamino	ethyl	methyl	3-methylcarbamoyl	H

続く

【表229】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	methyl	4-methylcarbonyl	H
ethylamino	ethyl	methyl	2-methoxycarbonyl	H
ethylamino	ethyl	methyl	3-methoxycarbonyl	H
ethylamino	ethyl	methyl	4-methoxycarbonyl	H
ethylamino	ethyl	methyl	2-amino	H
ethylamino	ethyl	methyl	3-amino	H
ethylamino	ethyl	methyl	4-amino	H
ethylamino	ethyl	methyl	2-methylamino	H
ethylamino	ethyl	methyl	3-methylamino	H
ethylamino	ethyl	methyl	4-methylamino	H
ethylamino	ethyl	methyl	2-dimethylamino	H
ethylamino	ethyl	methyl	3-dimethylamino	H
ethylamino	ethyl	methyl	4-dimethylamino	H
ethylamino	ethyl	methyl	2-trifluoromethyl	H
ethylamino	ethyl	methyl	3-trifluoromethyl	H
ethylamino	ethyl	methyl	4-trifluoromethyl	H
ethylamino	ethyl	methyl	2-fluoromethyl	H
ethylamino	ethyl	methyl	3-fluoromethyl	H
ethylamino	ethyl	methyl	4-fluoromethyl	H
ethylamino	ethyl	methyl	2-hydroxy	H
ethylamino	ethyl	methyl	3-hydroxy	H
ethylamino	ethyl	methyl	4-hydroxy	H
ethylamino	ethyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	ethyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	ethyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	ethyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	ethyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	ethyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	ethyl	methyl	4-chloroacetyl	H
ethylamino	ethyl	methyl	3-chloroacetyl	H
ethylamino	ethyl	methyl	2-chloroacetyl	H
ethylamino	ethyl	methyl	4-ethoxycarbonyl	H
ethylamino	ethyl	methyl	3-ethoxycarbonyl	H
ethylamino	ethyl	methyl	2-ethoxycarbonyl	H
ethylamino	ethyl	methyl	4-carboxy	H
ethylamino	ethyl	methyl	3-carboxy	H
ethylamino	ethyl	methyl	2-carboxy	H
ethylamino	ethyl	methyl	4-chloromethoxy	H
ethylamino	ethyl	methyl	3-chloromethoxy	H
ethylamino	ethyl	methyl	2-chloromethoxy	H

続く

【表230】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	methyl	2-chloro	H
ethylamino	propyl	methyl	3-chloro	H
ethylamino	propyl	methyl	4-chloro	H
ethylamino	propyl	methyl	2-fluoro	H
ethylamino	propyl	methyl	3-fluoro	H
ethylamino	propyl	methyl	4-fluoro	H
ethylamino	propyl	methyl	2-bromo	H
ethylamino	propyl	methyl	3-bromo	H
ethylamino	propyl	methyl	4-bromo	H
ethylamino	propyl	methyl	2-nitro	H
ethylamino	propyl	methyl	3-nitro	H
ethylamino	propyl	methyl	4-nitro	H
ethylamino	propyl	methyl	2-methoxy	H
ethylamino	propyl	methyl	3-methoxy	H
ethylamino	propyl	methyl	4-methoxy	H
ethylamino	propyl	methyl	2-chloro	4-chloro
ethylamino	propyl	methyl	3-chloro	4-chloro
ethylamino	propyl	methyl	2-fluoro	4-fluoro
ethylamino	propyl	methyl	3-fluoro	4-fluoro
ethylamino	propyl	methyl	2-bromo	4-bromo
ethylamino	propyl	methyl	3-bromo	4-bromo
ethylamino	propyl	methyl	2-methoxy	4-methoxy
ethylamino	propyl	methyl	3-methoxy	4-methoxy
ethylamino	propyl	methyl	2-acetyl	H
ethylamino	propyl	methyl	3-acetyl	H
ethylamino	propyl	methyl	4-acetyl	H
ethylamino	propyl	methyl	2-benzoyl	H
ethylamino	propyl	methyl	3-benzoyl	H
ethylamino	propyl	methyl	4-benzoyl	H
ethylamino	propyl	methyl	2-cyano	H
ethylamino	propyl	methyl	3-cyano	H
ethylamino	propyl	methyl	4-cyano	H
ethylamino	propyl	methyl	2-carbamoyl	H
ethylamino	propyl	methyl	3-carbamoyl	H
ethylamino	propyl	methyl	4-carbamoyl	H
ethylamino	propyl	methyl	2-dimethylcarbamoyl	H
ethylamino	propyl	methyl	3-dimethylcarbamoyl	H
ethylamino	propyl	methyl	4-dimethylcarbamoyl	H
ethylamino	propyl	methyl	2-methylcarbamoyl	H
ethylamino	propyl	methyl	3-methylcarbamoyl	H

続く

[表 231]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	methyl	4-methylcarbonyl	H
ethylamino	propyl	methyl	2-methoxycarbonyl	H
ethylamino	propyl	methyl	3-methoxycarbonyl	H
ethylamino	propyl	methyl	4-methoxycarbonyl	H
ethylamino	propyl	methyl	2-amino	H
ethylamino	propyl	methyl	3-amino	H
ethylamino	propyl	methyl	4-amino	H
ethylamino	propyl	methyl	2-methylamino	H
ethylamino	propyl	methyl	3-methylamino	H
ethylamino	propyl	methyl	4-methylamino	H
ethylamino	propyl	methyl	2-dimethylamino	H
ethylamino	propyl	methyl	3-dimethylamino	H
ethylamino	propyl	methyl	4-dimethylamino	H
ethylamino	propyl	methyl	2-trifluoromethyl	H
ethylamino	propyl	methyl	3-trifluoromethyl	H
ethylamino	propyl	methyl	4-trifluoromethyl	H
ethylamino	propyl	methyl	2-fluoromethyl	H
ethylamino	propyl	methyl	3-fluoromethyl	H
ethylamino	propyl	methyl	4-fluoromethyl	H
ethylamino	propyl	methyl	2-hydroxy	H
ethylamino	propyl	methyl	3-hydroxy	H
ethylamino	propyl	methyl	4-hydroxy	H
ethylamino	propyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	propyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	propyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	propyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	propyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	propyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	propyl	methyl	4-chloroacetyl	H
ethylamino	propyl	methyl	3-chloroacetyl	H
ethylamino	propyl	methyl	2-chloroacetyl	H
ethylamino	propyl	methyl	4-ethoxycarbonyl	H
ethylamino	propyl	methyl	3-ethoxycarbonyl	H
ethylamino	propyl	methyl	2-ethoxycarbonyl	H
ethylamino	propyl	methyl	4-carboxy	H
ethylamino	propyl	methyl	3-carboxy	H
ethylamino	propyl	methyl	2-carboxy	H
ethylamino	propyl	methyl	4-chloromethoxy	H
ethylamino	propyl	methyl	3-chloromethoxy	H
ethylamino	propyl	methyl	2-chloromethoxy	H

続く

【表 232】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	methyl	2-chloro	H
ethylamino	butyl	methyl	3-chloro	H
ethylamino	butyl	methyl	4-chloro	H
ethylamino	butyl	methyl	2-fluoro	H
ethylamino	butyl	methyl	3-fluoro	H
ethylamino	butyl	methyl	4-fluoro	H
ethylamino	butyl	methyl	2-bromo	H
ethylamino	butyl	methyl	3-bromo	H
ethylamino	butyl	methyl	4-bromo	H
ethylamino	butyl	methyl	2-nitro	H
ethylamino	butyl	methyl	3-nitro	H
ethylamino	butyl	methyl	4-nitro	H
ethylamino	butyl	methyl	2-methoxy	H
ethylamino	butyl	methyl	3-methoxy	H
ethylamino	butyl	methyl	4-methoxy	H
ethylamino	butyl	methyl	2-chloro	4-chloro
ethylamino	butyl	methyl	3-chloro	4-chloro
ethylamino	butyl	methyl	2-fluoro	4-fluoro
ethylamino	butyl	methyl	3-fluoro	4-fluoro
ethylamino	butyl	methyl	2-bromo	4-bromo
ethylamino	butyl	methyl	3-bromo	4-bromo
ethylamino	butyl	methyl	2-methoxy	4-methoxy
ethylamino	butyl	methyl	3-methoxy	4-methoxy
ethylamino	butyl	methyl	2-acetyl	H
ethylamino	butyl	methyl	3-acetyl	H
ethylamino	butyl	methyl	4-acetyl	H
ethylamino	butyl	methyl	2-benzoyl	H
ethylamino	butyl	methyl	3-benzoyl	H
ethylamino	butyl	methyl	4-benzoyl	H
ethylamino	butyl	methyl	2-cyano	H
ethylamino	butyl	methyl	3-cyano	H
ethylamino	butyl	methyl	4-cyano	H
ethylamino	butyl	methyl	2-carbamoyl	H
ethylamino	butyl	methyl	3-carbamoyl	H
ethylamino	butyl	methyl	4-carbamoyl	H
ethylamino	butyl	methyl	2-dimethylcarbamoyl	H
ethylamino	butyl	methyl	3-dimethylcarbamoyl	H
ethylamino	butyl	methyl	4-dimethylcarbamoyl	H
ethylamino	butyl	methyl	2-methylcarbamoyl	H
ethylamino	butyl	methyl	3-methylcarbamoyl	H

続<

[表 233]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	methyl	4-methylcarbamoyl	H
ethylamino	butyl	methyl	2-methoxycarbonyl	H
ethylamino	butyl	methyl	3-methoxycarbonyl	H
ethylamino	butyl	methyl	4-methoxycarbonyl	H
ethylamino	butyl	methyl	2-amino	H
ethylamino	butyl	methyl	3-amino	H
ethylamino	butyl	methyl	4-amino	H
ethylamino	butyl	methyl	2-methylamino	H
ethylamino	butyl	methyl	3-methylamino	H
ethylamino	butyl	methyl	4-methylamino	H
ethylamino	butyl	methyl	2-dimethylamino	H
ethylamino	butyl	methyl	3-dimethylamino	H
ethylamino	butyl	methyl	4-dimethylamino	H
ethylamino	butyl	methyl	2-trifluoromethyl	H
ethylamino	butyl	methyl	3-trifluoromethyl	H
ethylamino	butyl	methyl	4-trifluoromethyl	H
ethylamino	butyl	methyl	2-fluoromethyl	H
ethylamino	butyl	methyl	3-fluoromethyl	H
ethylamino	butyl	methyl	4-fluoromethyl	H
ethylamino	butyl	methyl	2-hydroxy	H
ethylamino	butyl	methyl	3-hydroxy	H
ethylamino	butyl	methyl	4-hydroxy	H
ethylamino	butyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	butyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	butyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	butyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	butyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	butyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	butyl	methyl	4-chloroacetyl	H
ethylamino	butyl	methyl	3-chloroacetyl	H
ethylamino	butyl	methyl	2-chloroacetyl	H
ethylamino	butyl	methyl	4-ethoxycarbonyl	H
ethylamino	butyl	methyl	3-ethoxycarbonyl	H
ethylamino	butyl	methyl	2-ethoxycarbonyl	H
ethylamino	butyl	methyl	4-carboxy	H
ethylamino	butyl	methyl	3-carboxy	H
ethylamino	butyl	methyl	2-carboxy	H
ethylamino	butyl	methyl	4-chloromethoxy	H
ethylamino	butyl	methyl	3-chloromethoxy	H
ethylamino	butyl	methyl	2-chloromethoxy	H

続<

【表 234】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	methyl	2-chloro	H
ethylamino	benzyl	methyl	3-chloro	H
ethylamino	benzyl	methyl	4-chloro	H
ethylamino	benzyl	methyl	2-fluoro	H
ethylamino	benzyl	methyl	3-fluoro	H
ethylamino	benzyl	methyl	4-fluoro	H
ethylamino	benzyl	methyl	2-bromo	H
ethylamino	benzyl	methyl	3-bromo	H
ethylamino	benzyl	methyl	4-bromo	H
ethylamino	benzyl	methyl	2-nitro	H
ethylamino	benzyl	methyl	3-nitro	H
ethylamino	benzyl	methyl	4-nitro	H
ethylamino	benzyl	methyl	2-methoxy	H
ethylamino	benzyl	methyl	3-methoxy	H
ethylamino	benzyl	methyl	4-methoxy	H
ethylamino	benzyl	methyl	2-chloro	4-chloro
ethylamino	benzyl	methyl	3-chloro	4-chloro
ethylamino	benzyl	methyl	2-fluoro	4-fluoro
ethylamino	benzyl	methyl	3-fluoro	4-fluoro
ethylamino	benzyl	methyl	2-bromo	4-bromo
ethylamino	benzyl	methyl	3-bromo	4-bromo
ethylamino	benzyl	methyl	2-methoxy	4-methoxy
ethylamino	benzyl	methyl	3-methoxy	4-methoxy
ethylamino	benzyl	methyl	2-acetyl	H
ethylamino	benzyl	methyl	3-acetyl	H
ethylamino	benzyl	methyl	4-acetyl	H
ethylamino	benzyl	methyl	2-benzoyl	H
ethylamino	benzyl	methyl	3-benzoyl	H
ethylamino	benzyl	methyl	4-benzoyl	H
ethylamino	benzyl	methyl	2-cyano	H
ethylamino	benzyl	methyl	3-cyano	H
ethylamino	benzyl	methyl	4-cyano	H
ethylamino	benzyl	methyl	2-carbamoyl	H
ethylamino	benzyl	methyl	3-carbamoyl	H
ethylamino	benzyl	methyl	4-carbamoyl	H
ethylamino	benzyl	methyl	2-dimethylcarbamoyl	H
ethylamino	benzyl	methyl	3-dimethylcarbamoyl	H
ethylamino	benzyl	methyl	4-dimethylcarbamoyl	H
ethylamino	benzyl	methyl	2-methylcarbamoyl	H
ethylamino	benzyl	methyl	3-methylcarbamoyl	H

続く

【表 235】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	methyl	4-methylcarbamoyl	H
ethylamino	benzyl	methyl	2-methoxycarbonyl	H
ethylamino	benzyl	methyl	3-methoxycarbonyl	H
ethylamino	benzyl	methyl	4-methoxycarbonyl	H
ethylamino	benzyl	methyl	2-amino	H
ethylamino	benzyl	methyl	3-amino	H
ethylamino	benzyl	methyl	4-amino	H
ethylamino	benzyl	methyl	2-methylamino	H
ethylamino	benzyl	methyl	3-methylamino	H
ethylamino	benzyl	methyl	4-methylamino	H
ethylamino	benzyl	methyl	2-dimethylamino	H
ethylamino	benzyl	methyl	3-dimethylamino	H
ethylamino	benzyl	methyl	4-dimethylamino	H
ethylamino	benzyl	methyl	2-trifluoromethyl	H
ethylamino	benzyl	methyl	3-trifluoromethyl	H
ethylamino	benzyl	methyl	4-trifluoromethyl	H
ethylamino	benzyl	methyl	2-fluoromethyl	H
ethylamino	benzyl	methyl	3-fluoromethyl	H
ethylamino	benzyl	methyl	4-fluoromethyl	H
ethylamino	benzyl	methyl	2-hydroxy	H
ethylamino	benzyl	methyl	3-hydroxy	H
ethylamino	benzyl	methyl	4-hydroxy	H
ethylamino	benzyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	benzyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	benzyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	benzyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	benzyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	benzyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	benzyl	methyl	4-chloroacetyl	H
ethylamino	benzyl	methyl	3-chloroacetyl	H
ethylamino	benzyl	methyl	2-chloroacetyl	H
ethylamino	benzyl	methyl	4-ethoxycarbonyl	H
ethylamino	benzyl	methyl	3-ethoxycarbonyl	H
ethylamino	benzyl	methyl	2-ethoxycarbonyl	H
ethylamino	benzyl	methyl	4-carboxy	H
ethylamino	benzyl	methyl	3-carboxy	H
ethylamino	benzyl	methyl	2-carboxy	H
ethylamino	benzyl	methyl	4-chloromethoxy	H
ethylamino	benzyl	methyl	3-chloromethoxy	H
ethylamino	benzyl	methyl	2-chloromethoxy	H

続く

【表236】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	methyl	3-chloro	H
ethylamino	cyclohexylmethyl	methyl	3-chloro	H
ethylamino	cyclohexylmethyl	methyl	4-chloro	H
ethylamino	cyclohexylmethyl	methyl	2-fluoro	H
ethylamino	cyclohexylmethyl	methyl	3-fluoro	H
ethylamino	cyclohexylmethyl	methyl	4-fluoro	H
ethylamino	cyclohexylmethyl	methyl	2-bromo	H
ethylamino	cyclohexylmethyl	methyl	3-bromo	H
ethylamino	cyclohexylmethyl	methyl	4-bromo	H
ethylamino	cyclohexylmethyl	methyl	2-nitro	H
ethylamino	cyclohexylmethyl	methyl	3-nitro	H
ethylamino	cyclohexylmethyl	methyl	4-nitro	H
ethylamino	cyclohexylmethyl	methyl	2-methoxy	H
ethylamino	cyclohexylmethyl	methyl	3-methoxy	H
ethylamino	cyclohexylmethyl	methyl	4-methoxy	H
ethylamino	cyclohexylmethyl	methyl	2-chloro	4-chloro
ethylamino	cyclohexylmethyl	methyl	3-chloro	4-chloro
ethylamino	cyclohexylmethyl	methyl	2-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	methyl	3-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	methyl	2-bromo	4-bromo
ethylamino	cyclohexylmethyl	methyl	3-bromo	4-bromo
ethylamino	cyclohexylmethyl	methyl	2-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	methyl	3-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	methyl	2-acetyl	H
ethylamino	cyclohexylmethyl	methyl	3-acetyl	H
ethylamino	cyclohexylmethyl	methyl	4-acetyl	H
ethylamino	cyclohexylmethyl	methyl	2-benzoyl	H
ethylamino	cyclohexylmethyl	methyl	3-benzoyl	H
ethylamino	cyclohexylmethyl	methyl	4-benzoyl	H
ethylamino	cyclohexylmethyl	methyl	2-cyano	H
ethylamino	cyclohexylmethyl	methyl	3-cyano	H
ethylamino	cyclohexylmethyl	methyl	4-cyano	H
ethylamino	cyclohexylmethyl	methyl	2-carbamoyl	H
ethylamino	cyclohexylmethyl	methyl	3-carbamoyl	H
ethylamino	cyclohexylmethyl	methyl	4-carbamoyl	H
ethylamino	cyclohexylmethyl	methyl	2-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	methyl	3-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	methyl	4-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	methyl	2-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	methyl	3-methylcarbamoyl	H

続く

[表 237]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	methyl	4-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	methyl	2-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	3-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	4-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	2-amino	H
ethylamino	cyclohexylmethyl	methyl	3-amino	H
ethylamino	cyclohexylmethyl	methyl	4-amino	H
ethylamino	cyclohexylmethyl	methyl	2-methylamino	H
ethylamino	cyclohexylmethyl	methyl	3-methylamino	H
ethylamino	cyclohexylmethyl	methyl	4-methylamino	H
ethylamino	cyclohexylmethyl	methyl	2-dimethylamino	H
ethylamino	cyclohexylmethyl	methyl	3-dimethylamino	H
ethylamino	cyclohexylmethyl	methyl	4-dimethylamino	H
ethylamino	cyclohexylmethyl	methyl	2-trifluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	3-trifluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	4-trifluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	2-fluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	3-fluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	4-fluoromethyl	H
ethylamino	cyclohexylmethyl	methyl	2-hydroxy	H
ethylamino	cyclohexylmethyl	methyl	3-hydroxy	H
ethylamino	cyclohexylmethyl	methyl	4-hydroxy	H
ethylamino	cyclohexylmethyl	methyl	4-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	3-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	2-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	4-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	3-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	2-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	methyl	4-chloroacetyl	H
ethylamino	cyclohexylmethyl	methyl	3-chloroacetyl	H
ethylamino	cyclohexylmethyl	methyl	2-chloroacetyl	H
ethylamino	cyclohexylmethyl	methyl	4-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	3-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	2-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	methyl	4-carboxy	H
ethylamino	cyclohexylmethyl	methyl	3-carboxy	H
ethylamino	cyclohexylmethyl	methyl	2-carboxy	H
ethylamino	cyclohexylmethyl	methyl	4-chloromethoxy	H
ethylamino	cyclohexylmethyl	methyl	3-chloromethoxy	H
ethylamino	cyclohexylmethyl	methyl	2-chloromethoxy	H

続<

【表238】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	H	methyl	H	H
propylamino	methyl	methyl	H	H
propylamino	ethyl	methyl	H	H
propylamino	propyl	methyl	H	H
propylamino	methylethyl	methyl	H	H
propylamino	butyl	methyl	H	H
propylamino	1-methylpropyl	methyl	H	H
propylamino	2-methylpropyl	methyl	H	H
propylamino	dimethylethyl	methyl	H	H
propylamino	pentyl	methyl	H	H
propylamino	1-methylbutyl	methyl	H	H
propylamino	2-methylbutyl	methyl	H	H
propylamino	1,1-dimethylpropyl	methyl	H	H
propylamino	1,2-dimethylpropyl	methyl	H	H
propylamino	2,2-dimethylpropyl	methyl	H	H
propylamino	hexyl	methyl	H	H
propylamino	1-methylpentyl	methyl	H	H
propylamino	2-methylpentyl	methyl	H	H
propylamino	3-methylpentyl	methyl	H	H
propylamino	4-methylpentyl	methyl	H	H
propylamino	1,1-dimethylbutyl	methyl	H	H
propylamino	1,2-dimethylbutyl	methyl	H	H
propylamino	1,3-dimethylbutyl	methyl	H	H
propylamino	2,2-dimethylbutyl	methyl	H	H
propylamino	2,3-dimethylbutyl	methyl	H	H
propylamino	3,3-dimethylbutyl	methyl	H	H
propylamino	1-ethylbutyl	methyl	H	H
propylamino	2-ethylbutyl	methyl	H	H
propylamino	1,1,2-trimethylpropyl	methyl	H	H
propylamino	heptyl	methyl	H	H
propylamino	cyclopropyl	methyl	H	H
propylamino	cyclopentyl	methyl	H	H
propylamino	cyclohexyl	methyl	H	H
propylamino	cycloheptyl	methyl	H	H
propylamino	cyclopropylmethyl	methyl	H	H
propylamino	cyclopentylmethyl	methyl	H	H
propylamino	cyclohexylmethyl	methyl	H	H
propylamino	cycloheptylmethyl	methyl	H	H
propylamino	2-methoxyethyl	methyl	H	H
propylamino	3-methoxypropyl	methyl	H	H

続く

[表 239]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	4-methoxybutyl	methyl	H	H
propylamino	5-methoxypentyl	methyl	H	H
propylamino	5-ethoxypentyl	methyl	H	H
propylamino	2-ethoxyethyl	methyl	H	H
propylamino	3-ethoxypropyl	methyl	H	H
propylamino	4-ethoxybutyl	methyl	H	H
propylamino	2-carboxyethyl	methyl	H	H
propylamino	3-carboxypropyl	methyl	H	H
propylamino	4-carboxybutyl	methyl	H	H
propylamino	5-carboxypentyl	methyl	H	H
propylamino	2-hydroxyethyl	methyl	H	H
propylamino	3-hydroxypropyl	methyl	H	H
propylamino	4-hydroxybutyl	methyl	H	H
propylamino	5-hydroxypentyl	methyl	H	H
propylamino	2-methoxycarbonylethyl	methyl	H	H
propylamino	3-methoxycarbonylpropyl	methyl	H	H
propylamino	4-methoxycarbonylbutyl	methyl	H	H
propylamino	5-methoxycarbonylpentyl	methyl	H	H
propylamino	2-aminoethyl	methyl	H	H
propylamino	3-aminopropyl	methyl	H	H
propylamino	4-aminobutyl	methyl	H	H
propylamino	5-aminopentyl	methyl	H	H
propylamino	6-aminoethyl	methyl	H	H
propylamino	2-chloroethyl	methyl	H	H
propylamino	3-chloropropyl	methyl	H	H
propylamino	4-chlorobutyl	methyl	H	H
propylamino	5-chloropentyl	methyl	H	H
propylamino	6-chlorohexyl	methyl	H	H
propylamino	2-fluoroethyl	methyl	H	H
propylamino	3-fluoropropyl	methyl	H	H
propylamino	4-fluorobutyl	methyl	H	H
propylamino	5-fluoropentyl	methyl	H	H
propylamino	6-fluorohexyl	methyl	H	H
propylamino	2-carbamoylethyl	methyl	H	H
propylamino	3-carbamoylpropyl	methyl	H	H
propylamino	4-carbamoylbutyl	methyl	H	H
propylamino	5-carbamoylpentyl	methyl	H	H
propylamino	6-carbamoylhexyl	methyl	H	H
propylamino	3-methylcarbamoylpropyl	methyl	H	H
propylamino	4-methylcarbamoylbutyl	methyl	H	H
propylamino	5-methylcarbamoylpentyl	methyl	H	H

続ク

【表 240】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	methyl	H	H
propylamino	2-phenylethyl	methyl	H	H
propylamino	4-fluorobenzyl	methyl	H	H
propylamino	3-fluorobenzyl	methyl	H	H
propylamino	4-chlorobenzyl	methyl	H	H
propylamino	3-chlorobenzyl	methyl	H	H
propylamino	4-methoxybenzyl	methyl	H	H
propylamino	3-methoxybenzyl	methyl	H	H
propylamino	4-hydroxybenzyl	methyl	H	H
propylamino	3-hydroxybenzyl	methyl	H	H
propylamino	4-methylbenzyl	methyl	H	H
propylamino	3-methylbenzyl	methyl	H	H
propylamino	4-aminobenzyl	methyl	H	H
propylamino	3-aminobenzyl	methyl	H	H
propylamino	4-dimethylaminobenzyl	methyl	H	H
propylamino	3-dimethylaminobenzyl	methyl	H	H
propylamino	4-carbamoylbenzyl	methyl	H	H
propylamino	3-carbamoylbenzyl	methyl	H	H
propylamino	4-methylcarbamoylbenzyl	methyl	H	H
propylamino	3-methylcarbamoylbenzyl	methyl	H	H
propylamino	4-cyanobenzyl	methyl	H	H
propylamino	4-phenoxybenzyl	methyl	H	H
propylamino	phenyl	methyl	H	H
propylamino	4-fluorophenyl	methyl	H	H
propylamino	3-fluorophenyl	methyl	H	H
propylamino	4-chlorophenyl	methyl	H	H
propylamino	3-methoxyphenyl	methyl	H	H
propylamino	3-hydroxyphenyl	methyl	H	H
propylamino	4-methylphenyl	methyl	H	H
propylamino	3-methylphenyl	methyl	H	H
propylamino	4-aminophenyl	methyl	H	H
propylamino	3-aminophenyl	methyl	H	H
propylamino	3-dimethylaminophenyl	methyl	H	H
propylamino	4-dimethylaminophenyl	methyl	H	H
propylamino	3-carbamoylphenyl	methyl	H	H
propylamino	4-carbamoylphenyl	methyl	H	H
propylamino	3-cyanophenyl	methyl	H	H
propylamino	4-cyanophenyl	methyl	H	H
propylamino	3-phenoxyphenyl	methyl	H	H
propylamino	4-phenoxyphenyl	methyl	H	H

続く

【0073】

【表241】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	methyl	2-chloro	H
propylamino	methyl	methyl	3-chloro	H
propylamino	methyl	methyl	4-chloro	H
propylamino	methyl	methyl	2-fluoro	H
propylamino	methyl	methyl	3-fluoro	H
propylamino	methyl	methyl	4-fluoro	H
propylamino	methyl	methyl	2-bromo	H
propylamino	methyl	methyl	3-bromo	H
propylamino	methyl	methyl	4-bromo	H
propylamino	methyl	methyl	2-nitro	H
propylamino	methyl	methyl	3-nitro	H
propylamino	methyl	methyl	4-nitro	H
propylamino	methyl	methyl	2-methoxy	H
propylamino	methyl	methyl	3-methoxy	H
propylamino	methyl	methyl	4-methoxy	H
propylamino	methyl	methyl	2-chloro	4-chloro
propylamino	methyl	methyl	3-chloro	4-chloro
propylamino	methyl	methyl	2-fluoro	4-fluoro
propylamino	methyl	methyl	3-fluoro	4-fluoro
propylamino	methyl	methyl	2-bromo	4-bromo
propylamino	methyl	methyl	3-bromo	4-bromo
propylamino	methyl	methyl	2-methoxy	4-methoxy
propylamino	methyl	methyl	3-methoxy	4-methoxy
propylamino	methyl	methyl	2-acetyl	H
propylamino	methyl	methyl	3-acetyl	H
propylamino	methyl	methyl	4-acetyl	H
propylamino	methyl	methyl	2-benzoyl	H
propylamino	methyl	methyl	3-benzoyl	H
propylamino	methyl	methyl	4-benzoyl	H
propylamino	methyl	methyl	2-cyano	H
propylamino	methyl	methyl	3-cyano	H
propylamino	methyl	methyl	4-cyano	H
propylamino	methyl	methyl	2-carbamoyl	H
propylamino	methyl	methyl	3-carbamoyl	H
propylamino	methyl	methyl	4-carbamoyl	H
propylamino	methyl	methyl	2-dimethylcarbamoyl	H
propylamino	methyl	methyl	3-dimethylcarbamoyl	H
propylamino	methyl	methyl	4-dimethylcarbamoyl	H
propylamino	methyl	methyl	2-methylcarbamoyl	H
propylamino	methyl	methyl	3-methylcarbamoyl	H

続く

【表 242】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	methyl	4-methylcarbamoyl	H
propylamino	methyl	methyl	2-methoxycarbonyl	H
propylamino	methyl	methyl	3-methoxycarbonyl	H
propylamino	methyl	methyl	4-methoxycarbonyl	H
propylamino	methyl	methyl	2-amino	H
propylamino	methyl	methyl	3-amino	H
propylamino	methyl	methyl	4-amino	H
propylamino	methyl	methyl	2-methylamino	H
propylamino	methyl	methyl	3-methylamino	H
propylamino	methyl	methyl	4-methylamino	H
propylamino	methyl	methyl	2-dimethylamino	H
propylamino	methyl	methyl	3-dimethylamino	H
propylamino	methyl	methyl	4-dimethylamino	H
propylamino	methyl	methyl	2-trifluoromethyl	H
propylamino	methyl	methyl	3-trifluoromethyl	H
propylamino	methyl	methyl	4-trifluoromethyl	H
propylamino	methyl	methyl	2-fluoromethyl	H
propylamino	methyl	methyl	3-fluoromethyl	H
propylamino	methyl	methyl	4-fluoromethyl	H
propylamino	methyl	methyl	2-hydroxy	H
propylamino	methyl	methyl	3-hydroxy	H
propylamino	methyl	methyl	4-hydroxy	H
propylamino	methyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	methyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	methyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	methyl	methyl	4-(4-methylbenzoyl)	H
propylamino	methyl	methyl	3-(4-methylbenzoyl)	H
propylamino	methyl	methyl	2-(4-methylbenzoyl)	H
propylamino	methyl	methyl	4-chloroacetyl	H
propylamino	methyl	methyl	3-chloroacetyl	H
propylamino	methyl	methyl	2-chloroacetyl	H
propylamino	methyl	methyl	4-ethoxycarbonyl	H
propylamino	methyl	methyl	3-ethoxycarbonyl	H
propylamino	methyl	methyl	2-ethoxycarbonyl	H
propylamino	methyl	methyl	4-carboxy	H
propylamino	methyl	methyl	3-carboxy	H
propylamino	methyl	methyl	2-carboxy	H
propylamino	methyl	methyl	4-chloromethoxy	H
propylamino	methyl	methyl	3-chloromethoxy	H
propylamino	methyl	methyl	2-chloromethoxy	H

続く

【表243】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	methyl	2-chloro	H
propylamino	ethyl	methyl	3-chloro	H
propylamino	ethyl	methyl	4-chloro	H
propylamino	ethyl	methyl	2-fluoro	H
propylamino	ethyl	methyl	3-fluoro	H
propylamino	ethyl	methyl	4-fluoro	H
propylamino	ethyl	methyl	2-bromo	H
propylamino	ethyl	methyl	3-bromo	H
propylamino	ethyl	methyl	4-bromo	H
propylamino	ethyl	methyl	2-nitro	H
propylamino	ethyl	methyl	3-nitro	H
propylamino	ethyl	methyl	4-nitro	H
propylamino	ethyl	methyl	2-methoxy	H
propylamino	ethyl	methyl	3-methoxy	H
propylamino	ethyl	methyl	4-methoxy	H
propylamino	ethyl	methyl	2-chloro	4-chloro
propylamino	ethyl	methyl	3-chloro	4-chloro
propylamino	ethyl	methyl	2-fluoro	4-fluoro
propylamino	ethyl	methyl	3-fluoro	4-fluoro
propylamino	ethyl	methyl	2-bromo	4-bromo
propylamino	ethyl	methyl	3-bromo	4-bromo
propylamino	ethyl	methyl	2-methoxy	4-methoxy
propylamino	ethyl	methyl	3-methoxy	4-methoxy
propylamino	ethyl	methyl	2-acetyl	H
propylamino	ethyl	methyl	3-acetyl	H
propylamino	ethyl	methyl	4-acetyl	H
propylamino	ethyl	methyl	2-benzoyl	H
propylamino	ethyl	methyl	3-benzoyl	H
propylamino	ethyl	methyl	4-benzoyl	H
propylamino	ethyl	methyl	2-cyano	H
propylamino	ethyl	methyl	3-cyano	H
propylamino	ethyl	methyl	4-cyano	H
propylamino	ethyl	methyl	2-carbamoyl	H
propylamino	ethyl	methyl	3-carbamoyl	H
propylamino	ethyl	methyl	4-carbamoyl	H
propylamino	ethyl	methyl	2-dimethylcarbamoyl	H
propylamino	ethyl	methyl	3-dimethylcarbamoyl	H
propylamino	ethyl	methyl	4-dimethylcarbamoyl	H
propylamino	ethyl	methyl	2-methylcarbamoyl	H
propylamino	ethyl	methyl	3-methylcarbamoyl	H

続<

【表244】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	methyl	4-methylcarbamoyl	H
propylamino	ethyl	methyl	2-methoxycarbonyl	H
propylamino	ethyl	methyl	3-methoxycarbonyl	H
propylamino	ethyl	methyl	4-methoxycarbonyl	H
propylamino	ethyl	methyl	2-amino	H
propylamino	ethyl	methyl	3-amino	H
propylamino	ethyl	methyl	4-amino	H
propylamino	ethyl	methyl	2-methylamino	H
propylamino	ethyl	methyl	3-methylamino	H
propylamino	ethyl	methyl	4-methylamino	H
propylamino	ethyl	methyl	2-dimethylamino	H
propylamino	ethyl	methyl	3-dimethylamino	H
propylamino	ethyl	methyl	4-dimethylamino	H
propylamino	ethyl	methyl	2-trifluoromethyl	H
propylamino	ethyl	methyl	3-trifluoromethyl	H
propylamino	ethyl	methyl	4-trifluoromethyl	H
propylamino	ethyl	methyl	2-fluoromethyl	H
propylamino	ethyl	methyl	3-fluoromethyl	H
propylamino	ethyl	methyl	4-fluoromethyl	H
propylamino	ethyl	methyl	2-hydroxy	H
propylamino	ethyl	methyl	3-hydroxy	H
propylamino	ethyl	methyl	4-hydroxy	H
propylamino	ethyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	ethyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	ethyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	ethyl	methyl	4-(4-methylbenzoyl)	H
propylamino	ethyl	methyl	3-(4-methylbenzoyl)	H
propylamino	ethyl	methyl	2-(4-methylbenzoyl)	H
propylamino	ethyl	methyl	4-chloroacetyl	H
propylamino	ethyl	methyl	3-chloroacetyl	H
propylamino	ethyl	methyl	2-chloroacetyl	H
propylamino	ethyl	methyl	4-ethoxycarbonyl	H
propylamino	ethyl	methyl	3-ethoxycarbonyl	H
propylamino	ethyl	methyl	2-ethoxycarbonyl	H
propylamino	ethyl	methyl	4-carboxy	H
propylamino	ethyl	methyl	3-carboxy	H
propylamino	ethyl	methyl	2-carboxy	H
propylamino	ethyl	methyl	4-chloromethoxy	H
propylamino	ethyl	methyl	3-chloromethoxy	H
propylamino	ethyl	methyl	2-chloromethoxy	H

続く

【表245】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	methyl	2-chloro	H
propylamino	propyl	methyl	3-chloro	H
propylamino	propyl	methyl	4-chloro	H
propylamino	propyl	methyl	2-fluoro	H
propylamino	propyl	methyl	3-fluoro	H
propylamino	propyl	methyl	4-fluoro	H
propylamino	propyl	methyl	2-bromo	H
propylamino	propyl	methyl	3-bromo	H
propylamino	propyl	methyl	4-bromo	H
propylamino	propyl	methyl	2-nitro	H
propylamino	propyl	methyl	3-nitro	H
propylamino	propyl	methyl	4-nitro	H
propylamino	propyl	methyl	2-methoxy	H
propylamino	propyl	methyl	3-methoxy	H
propylamino	propyl	methyl	4-methoxy	H
propylamino	propyl	methyl	2-chloro	4-chloro
propylamino	propyl	methyl	3-chloro	4-chloro
propylamino	propyl	methyl	2-fluoro	4-fluoro
propylamino	propyl	methyl	3-fluoro	4-fluoro
propylamino	propyl	methyl	2-bromo	4-bromo
propylamino	propyl	methyl	3-bromo	4-bromo
propylamino	propyl	methyl	2-methoxy	4-methoxy
propylamino	propyl	methyl	3-methoxy	4-methoxy
propylamino	propyl	methyl	2-acetyl	H
propylamino	propyl	methyl	3-acetyl	H
propylamino	propyl	methyl	4-acetyl	H
propylamino	propyl	methyl	2-benzoyl	H
propylamino	propyl	methyl	3-benzoyl	H
propylamino	propyl	methyl	4-benzoyl	H
propylamino	propyl	methyl	2-cyano	H
propylamino	propyl	methyl	3-cyano	H
propylamino	propyl	methyl	4-cyano	H
propylamino	propyl	methyl	2-carbamoyl	H
propylamino	propyl	methyl	3-carbamoyl	H
propylamino	propyl	methyl	4-carbamoyl	H
propylamino	propyl	methyl	2-dimethylcarbamoyl	H
propylamino	propyl	methyl	3-dimethylcarbamoyl	H
propylamino	propyl	methyl	4-dimethylcarbamoyl	H
propylamino	propyl	methyl	2-methylcarbamoyl	H
propylamino	propyl	methyl	3-methylcarbamoyl	H

続く

【表246】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	methyl	4-methylcarbonyl	H
propylamino	propyl	methyl	2-methoxycarbonyl	H
propylamino	propyl	methyl	3-methoxycarbonyl	H
propylamino	propyl	methyl	4-methoxycarbonyl	H
propylamino	propyl	methyl	2-amino	H
propylamino	propyl	methyl	3-amino	H
propylamino	propyl	methyl	4-amino	H
propylamino	propyl	methyl	2-methylamino	H
propylamino	propyl	methyl	3-methylamino	H
propylamino	propyl	methyl	4-methylamino	H
propylamino	propyl	methyl	2-dimethylamino	H
propylamino	propyl	methyl	3-dimethylamino	H
propylamino	propyl	methyl	4-dimethylamino	H
propylamino	propyl	methyl	2-trifluoromethyl	H
propylamino	propyl	methyl	3-trifluoromethyl	H
propylamino	propyl	methyl	4-trifluoromethyl	H
propylamino	propyl	methyl	2-fluoromethyl	H
propylamino	propyl	methyl	3-fluoromethyl	H
propylamino	propyl	methyl	4-fluoromethyl	H
propylamino	propyl	methyl	2-hydroxy	H
propylamino	propyl	methyl	3-hydroxy	H
propylamino	propyl	methyl	4-hydroxy	H
propylamino	propyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	propyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	propyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	propyl	methyl	4-(4-methylbenzoyl)	H
propylamino	propyl	methyl	3-(4-methylbenzoyl)	H
propylamino	propyl	methyl	2-(4-methylbenzoyl)	H
propylamino	propyl	methyl	4-chloroacetyl	H
propylamino	propyl	methyl	3-chloroacetyl	H
propylamino	propyl	methyl	2-chloroacetyl	H
propylamino	propyl	methyl	4-ethoxycarbonyl	H
propylamino	propyl	methyl	3-ethoxycarbonyl	H
propylamino	propyl	methyl	2-ethoxycarbonyl	H
propylamino	propyl	methyl	4-carboxy	H
propylamino	propyl	methyl	3-carboxy	H
propylamino	propyl	methyl	2-carboxy	H
propylamino	propyl	methyl	4-chloromethoxy	H
propylamino	propyl	methyl	3-chloromethoxy	H
propylamino	propyl	methyl	2-chloromethoxy	H

続く

[表247]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	methyl	2-chloro	H
propylamino	butyl	methyl	3-chloro	H
propylamino	butyl	methyl	4-chloro	H
propylamino	butyl	methyl	2-fluoro	H
propylamino	butyl	methyl	3-fluoro	H
propylamino	butyl	methyl	4-fluoro	H
propylamino	butyl	methyl	2-bromo	H
propylamino	butyl	methyl	3-bromo	H
propylamino	butyl	methyl	4-bromo	H
propylamino	butyl	methyl	2-nitro	H
propylamino	butyl	methyl	3-nitro	H
propylamino	butyl	methyl	4-nitro	H
propylamino	butyl	methyl	2-methoxy	H
propylamino	butyl	methyl	3-methoxy	H
propylamino	butyl	methyl	4-methoxy	H
propylamino	butyl	methyl	2-chloro	4-chloro
propylamino	butyl	methyl	3-chloro	4-chloro
propylamino	butyl	methyl	2-fluoro	4-fluoro
propylamino	butyl	methyl	3-fluoro	4-fluoro
propylamino	butyl	methyl	2-bromo	4-bromo
propylamino	butyl	methyl	3-bromo	4-bromo
propylamino	butyl	methyl	2-methoxy	4-methoxy
propylamino	butyl	methyl	3-methoxy	4-methoxy
propylamino	butyl	methyl	2-acetyl	H
propylamino	butyl	methyl	3-acetyl	H
propylamino	butyl	methyl	4-acetyl	H
propylamino	butyl	methyl	2-benzoyl	H
propylamino	butyl	methyl	3-benzoyl	H
propylamino	butyl	methyl	4-benzoyl	H
propylamino	butyl	methyl	2-cyano	H
propylamino	butyl	methyl	3-cyano	H
propylamino	butyl	methyl	4-cyano	H
propylamino	butyl	methyl	2-carbamoyl	H
propylamino	butyl	methyl	3-carbamoyl	H
propylamino	butyl	methyl	4-carbamoyl	H
propylamino	butyl	methyl	2-dimethylcarbamoyl	H
propylamino	butyl	methyl	3-dimethylcarbamoyl	H
propylamino	butyl	methyl	4-dimethylcarbamoyl	H
propylamino	butyl	methyl	2-methylcarbamoyl	H
propylamino	butyl	methyl	3-methylcarbamoyl	H

続く

【表248】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	methyl	4-methylcarbamoyl	H
propylamino	butyl	methyl	2-methoxycarbonyl	H
propylamino	butyl	methyl	3-methoxycarbonyl	H
propylamino	butyl	methyl	4-methoxycarbonyl	H
propylamino	butyl	methyl	2-amino	H
propylamino	butyl	methyl	3-amino	H
propylamino	butyl	methyl	4-amino	H
propylamino	butyl	methyl	2-methylamino	H
propylamino	butyl	methyl	3-methylamino	H
propylamino	butyl	methyl	4-methylamino	H
propylamino	butyl	methyl	2-dimethylamino	H
propylamino	butyl	methyl	3-dimethylamino	H
propylamino	butyl	methyl	4-dimethylamino	H
propylamino	butyl	methyl	2-trifluoromethyl	H
propylamino	butyl	methyl	3-trifluoromethyl	H
propylamino	butyl	methyl	4-trifluoromethyl	H
propylamino	butyl	methyl	2-fluoromethyl	H
propylamino	butyl	methyl	3-fluoromethyl	H
propylamino	butyl	methyl	4-fluoromethyl	H
propylamino	butyl	methyl	2-hydroxy	H
propylamino	butyl	methyl	3-hydroxy	H
propylamino	butyl	methyl	4-hydroxy	H
propylamino	butyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	butyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	butyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	butyl	methyl	4-(4-methylbenzoyl)	H
propylamino	butyl	methyl	3-(4-methylbenzoyl)	H
propylamino	butyl	methyl	2-(4-methylbenzoyl)	H
propylamino	butyl	methyl	4-chloroacetyl	H
propylamino	butyl	methyl	3-chloroacetyl	H
propylamino	butyl	methyl	2-chloroacetyl	H
propylamino	butyl	methyl	4-ethoxycarbonyl	H
propylamino	butyl	methyl	3-ethoxycarbonyl	H
propylamino	butyl	methyl	2-ethoxycarbonyl	H
propylamino	butyl	methyl	4-carboxy	H
propylamino	butyl	methyl	3-carboxy	H
propylamino	butyl	methyl	2-carboxy	H
propylamino	butyl	methyl	4-chloromethoxy	H
propylamino	butyl	methyl	3-chloromethoxy	H
propylamino	butyl	methyl	2-chloromethoxy	H

続く

【表249】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	methyl	2-chloro	H
propylamino	benzyl	methyl	3-chloro	H
propylamino	benzyl	methyl	4-chloro	H
propylamino	benzyl	methyl	2-fluoro	H
propylamino	benzyl	methyl	3-fluoro	H
propylamino	benzyl	methyl	4-fluoro	H
propylamino	benzyl	methyl	2-bromo	H
propylamino	benzyl	methyl	3-bromo	H
propylamino	benzyl	methyl	4-bromo	H
propylamino	benzyl	methyl	2-nitro	H
propylamino	benzyl	methyl	3-nitro	H
propylamino	benzyl	methyl	4-nitro	H
propylamino	benzyl	methyl	2-methoxy	H
propylamino	benzyl	methyl	3-methoxy	H
propylamino	benzyl	methyl	4-methoxy	H
propylamino	benzyl	methyl	2-chloro	4-chloro
propylamino	benzyl	methyl	3-chloro	4-chloro
propylamino	benzyl	methyl	2-fluoro	4-fluoro
propylamino	benzyl	methyl	3-fluoro	4-fluoro
propylamino	benzyl	methyl	2-bromo	4-bromo
propylamino	benzyl	methyl	3-bromo	4-bromo
propylamino	benzyl	methyl	2-methoxy	4-methoxy
propylamino	benzyl	methyl	3-methoxy	4-methoxy
propylamino	benzyl	methyl	2-acetyl	H
propylamino	benzyl	methyl	3-acetyl	H
propylamino	benzyl	methyl	4-acetyl	H
propylamino	benzyl	methyl	2-benzoyl	H
propylamino	benzyl	methyl	3-benzoyl	H
propylamino	benzyl	methyl	4-benzoyl	H
propylamino	benzyl	methyl	2-cyano	H
propylamino	benzyl	methyl	3-cyano	H
propylamino	benzyl	methyl	4-cyano	H
propylamino	benzyl	methyl	2-carbamoyl	H
propylamino	benzyl	methyl	3-carbamoyl	H
propylamino	benzyl	methyl	4-carbamoyl	H
propylamino	benzyl	methyl	2-dimethylcarbamoyl	H
propylamino	benzyl	methyl	3-dimethylcarbamoyl	H
propylamino	benzyl	methyl	4-dimethylcarbamoyl	H
propylamino	benzyl	methyl	2-methylcarbamoyl	H
propylamino	benzyl	methyl	3-methylcarbamoyl	H

続く

[表250]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	methyl	4-methylcarbonyl	H
propylamino	benzyl	methyl	2-methoxycarbonyl	H
propylamino	benzyl	methyl	3-methoxycarbonyl	H
propylamino	benzyl	methyl	4-methoxycarbonyl	H
propylamino	benzyl	methyl	2-amino	H
propylamino	benzyl	methyl	3-amino	H
propylamino	benzyl	methyl	4-amino	H
propylamino	benzyl	methyl	2-methylamino	H
propylamino	benzyl	methyl	3-methylamino	H
propylamino	benzyl	methyl	4-methylamino	H
propylamino	benzyl	methyl	2-dimethylamino	H
propylamino	benzyl	methyl	3-dimethylamino	H
propylamino	benzyl	methyl	4-dimethylamino	H
propylamino	benzyl	methyl	2-trifluoromethyl	H
propylamino	benzyl	methyl	3-trifluoromethyl	H
propylamino	benzyl	methyl	4-trifluoromethyl	H
propylamino	benzyl	methyl	2-fluoromethyl	H
propylamino	benzyl	methyl	3-fluoromethyl	H
propylamino	benzyl	methyl	4-fluoromethyl	H
propylamino	benzyl	methyl	2-hydroxy	H
propylamino	benzyl	methyl	3-hydroxy	H
propylamino	benzyl	methyl	4-hydroxy	H
propylamino	benzyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	benzyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	benzyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	benzyl	methyl	4-(4-methylbenzoyl)	H
propylamino	benzyl	methyl	3-(4-methylbenzoyl)	H
propylamino	benzyl	methyl	2-(4-methylbenzoyl)	H
propylamino	benzyl	methyl	4-chloroacetyl	H
propylamino	benzyl	methyl	3-chloroacetyl	H
propylamino	benzyl	methyl	2-chloroacetyl	H
propylamino	benzyl	methyl	4-ethoxycarbonyl	H
propylamino	benzyl	methyl	3-ethoxycarbonyl	H
propylamino	benzyl	methyl	2-ethoxycarbonyl	H
propylamino	benzyl	methyl	4-carboxy	H
propylamino	benzyl	methyl	3-carboxy	H
propylamino	benzyl	methyl	2-carboxy	H
propylamino	benzyl	methyl	4-chloromethoxy	H
propylamino	benzyl	methyl	3-chloromethoxy	H
propylamino	benzyl	methyl	2-chloromethoxy	H

続く

【表251】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	methyl	3-chloro	H
propylamino	cyclohexylmethyl	methyl	3-chloro	H
propylamino	cyclohexylmethyl	methyl	4-chloro	H
propylamino	cyclohexylmethyl	methyl	2-fluoro	H
propylamino	cyclohexylmethyl	methyl	3-fluoro	H
propylamino	cyclohexylmethyl	methyl	4-fluoro	H
propylamino	cyclohexylmethyl	methyl	2-bromo	H
propylamino	cyclohexylmethyl	methyl	3-bromo	H
propylamino	cyclohexylmethyl	methyl	4-bromo	H
propylamino	cyclohexylmethyl	methyl	2-nitro	H
propylamino	cyclohexylmethyl	methyl	3-nitro	H
propylamino	cyclohexylmethyl	methyl	4-nitro	H
propylamino	cyclohexylmethyl	methyl	2-methoxy	H
propylamino	cyclohexylmethyl	methyl	3-methoxy	H
propylamino	cyclohexylmethyl	methyl	4-methoxy	H
propylamino	cyclohexylmethyl	methyl	2-chloro	4-chloro
propylamino	cyclohexylmethyl	methyl	3-chloro	4-chloro
propylamino	cyclohexylmethyl	methyl	2-fluoro	4-fluoro
propylamino	cyclohexylmethyl	methyl	3-fluoro	4-fluoro
propylamino	cyclohexylmethyl	methyl	2-bromo	4-bromo
propylamino	cyclohexylmethyl	methyl	3-bromo	4-bromo
propylamino	cyclohexylmethyl	methyl	2-methoxy	4-methoxy
propylamino	cyclohexylmethyl	methyl	3-methoxy	4-methoxy
propylamino	cyclohexylmethyl	methyl	2-acetyl	H
propylamino	cyclohexylmethyl	methyl	3-acetyl	H
propylamino	cyclohexylmethyl	methyl	4-acetyl	H
propylamino	cyclohexylmethyl	methyl	2-benzoyl	H
propylamino	cyclohexylmethyl	methyl	3-benzoyl	H
propylamino	cyclohexylmethyl	methyl	4-benzoyl	H
propylamino	cyclohexylmethyl	methyl	2-cyano	H
propylamino	cyclohexylmethyl	methyl	3-cyano	H
propylamino	cyclohexylmethyl	methyl	4-cyano	H
propylamino	cyclohexylmethyl	methyl	2-carbamoyl	H
propylamino	cyclohexylmethyl	methyl	3-carbamoyl	H
propylamino	cyclohexylmethyl	methyl	4-carbamoyl	H
propylamino	cyclohexylmethyl	methyl	2-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	methyl	3-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	methyl	4-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	methyl	2-methylcarbamoyl	H
propylamino	cyclohexylmethyl	methyl	3-methylcarbamoyl	H

続く

【表252】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	methyl	4-methylcarbonyl	H
propylamino	cyclohexylmethyl	methyl	2-methoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	3-methoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	4-methoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	2-amino	H
propylamino	cyclohexylmethyl	methyl	3-amino	H
propylamino	cyclohexylmethyl	methyl	4-amino	H
propylamino	cyclohexylmethyl	methyl	2-methylamino	H
propylamino	cyclohexylmethyl	methyl	3-methylamino	H
propylamino	cyclohexylmethyl	methyl	4-methylamino	H
propylamino	cyclohexylmethyl	methyl	2-dimethylamino	H
propylamino	cyclohexylmethyl	methyl	3-dimethylamino	H
propylamino	cyclohexylmethyl	methyl	4-dimethylamino	H
propylamino	cyclohexylmethyl	methyl	2-trifluoromethyl	H
propylamino	cyclohexylmethyl	methyl	3-trifluoromethyl	H
propylamino	cyclohexylmethyl	methyl	4-trifluoromethyl	H
propylamino	cyclohexylmethyl	methyl	2-fluoromethyl	H
propylamino	cyclohexylmethyl	methyl	3-fluoromethyl	H
propylamino	cyclohexylmethyl	methyl	4-fluoromethyl	H
propylamino	cyclohexylmethyl	methyl	2-hydroxy	H
propylamino	cyclohexylmethyl	methyl	3-hydroxy	H
propylamino	cyclohexylmethyl	methyl	4-hydroxy	H
propylamino	cyclohexylmethyl	methyl	4-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	methyl	3-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	methyl	2-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	methyl	4-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	methyl	3-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	methyl	2-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	methyl	4-chloroacetyl	H
propylamino	cyclohexylmethyl	methyl	3-chloroacetyl	H
propylamino	cyclohexylmethyl	methyl	2-chloroacetyl	H
propylamino	cyclohexylmethyl	methyl	4-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	3-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	2-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	methyl	4-carboxy	H
propylamino	cyclohexylmethyl	methyl	3-carboxy	H
propylamino	cyclohexylmethyl	methyl	2-carboxy	H
propylamino	cyclohexylmethyl	methyl	4-chloromethoxy	H
propylamino	cyclohexylmethyl	methyl	3-chloromethoxy	H
propylamino	cyclohexylmethyl	methyl	2-chloromethoxy	H

続く

【表253】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	H	ethyl	H	H
amino	H	propyl	H	H
amino	H	benzoyl	H	H
amino	H	methoxycarbonyl	H	H
amino	H	ethoxycarbonyl	H	H
amino	H	2-methoxyethyl	H	H
amino	methyl	ethyl	H	H
amino	ethyl	propyl	H	H
amino	propyl	benzoyl	H	H
amino	methylethyl	methoxycarbonyl	H	H
amino	butyl	ethoxycarbonyl	H	H
amino	1-methylpropyl	2-methoxyethyl	H	H
amino	2-methylpropyl	ethyl	H	H
amino	dimethylethyl	propyl	H	H
amino	pentyl	benzoyl	H	H
amino	1-methylbutyl	methoxycarbonyl	H	H
amino	2-methylbutyl	ethoxycarbonyl	H	H
amino	1,1-dimethylpropyl	2-methoxyethyl	H	H
amino	1,2-dimethylpropyl	ethyl	H	H
amino	2,2-dimethylpropyl	propyl	H	H
amino	hexyl	benzoyl	H	H
amino	1-methylpentyl	methoxycarbonyl	H	H
amino	2-methylpentyl	ethoxycarbonyl	H	H
amino	3-methylpentyl	2-methoxyethyl	H	H
amino	4-methylpentyl	ethyl	H	H
amino	1,1-dimethylbutyl	propyl	H	H
amino	1,2-dimethylbutyl	benzoyl	H	H
amino	1,3-dimethylbutyl	methoxycarbonyl	H	H
amino	2,2-dimethylbutyl	ethoxycarbonyl	H	H
amino	2,3-dimethylbutyl	2-methoxyethyl	H	H
amino	3,3-dimethylbutyl	ethyl	H	H
amino	1-ethylbutyl	propyl	H	H
amino	2-ethylbutyl	benzoyl	H	H
amino	1,1,2-trimethylpropyl	methoxycarbonyl	H	H

続く

【表254】

表1の続き				
R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	ethoxycarbonyl	H	H
amino	cyclopropyl	2-methoxyethyl	H	H
amino	cyclopentyl	ethyl	H	H
amino	cyclohexyl	propyl	H	H
amino	cycloheptyl	benzoyl	H	H
amino	cyclopropylmethyl	methoxycarbonyl	H	H
amino	cyclopentylmethyl	ethoxycarbonyl	H	H
amino	cyclohexylmethyl	2-methoxyethyl	H	H
amino	cycloheptylmethyl	ethyl	H	H
amino	2-cyclopropylethyl	propyl	H	H
amino	2-cyclopentylethyl	ethyl	H	H
amino	2-cyclohexylethyl	benzoyl	H	H
amino	2-cycloheptylethyl	methoxycarbonyl	H	H
amino	3-cyclopropylpropyl	ethoxycarbonyl	H	H
amino	3-cyclopentylpropyl	2-methoxyethyl	H	H
amino	3-cyclohexylpropyl	ethyl	H	H
amino	3-cycloheptylpropyl	propyl	H	H
amino	4-cyclopropylbutyl	benzoyl	H	H
amino	4-cyclopentylbutyl	methoxycarbonyl	H	H
amino	4-cyclohexylbutyl	ethoxycarbonyl	H	H
amino	4-cycloheptylbutyl	2-methoxyethyl	H	H
amino	5-cyclopropylpentyl	ethyl	H	H
amino	5-cyclopentylpentyl	propyl	H	H
amino	5-cyclohexylpentyl	benzoyl	H	H
amino	5-cycloheptylpentyl	methoxycarbonyl	H	H
amino	6-methoxyhexyl	ethoxycarbonyl	H	H
amino	5-methoxypentyl	2-methoxyethyl	H	H
amino	4-methoxybutyl	ethyl	H	H
amino	3-methoxypropyl	propyl	H	H
amino	2-methoxyethyl	benzoyl	H	H
amino	2-fluoroethyl	methoxycarbonyl	H	H
amino	3-fluoropropyl	ethoxycarbonyl	H	H
amino	4-fluorobutyl	2-methoxyethyl	H	H
amino	5-fluoropentyl	ethyl	H	H
amino	6-fluorohexyl	propyl	H	H
amino	2-chloroethyl	benzoyl	H	H
amino	3-chloropropyl	methoxycarbonyl	H	H
amino	4-chlorobutyl	ethoxycarbonyl	H	H
amino	5-chloropentyl	2-methoxyethyl	H	H
amino	6-chlorohexyl	ethyl	H	H

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【表255】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	propyl	H	H
amino	3-hydroxypropyl	benzoyl	H	H
amino	4-hydroxybutyl	methoxycarbonyl	H	H
amino	5-hydroxypentyl	ethoxycarbonyl	H	H
amino	6-hydroxyhexyl	2-methoxyethyl	H	H
amino	3-hydroxybutyl	ethyl	H	H
amino	2-carboxyethyl	propyl	H	H
amino	3-carboxypropyl	benzoyl	H	H
amino	4-carboxybutyl	methoxycarbonyl	H	H
amino	5-hydroxypentyl	ethoxycarbonyl	H	H
amino	6-carboxyhexyl	2-methoxyethyl	H	H
amino	2-methoxycarbonyl ethyl	ethyl	H	H
amino	3-methoxycarbonyl propyl	propyl	H	H
amino	4-methoxycarbonyl butyl	benzoyl	H	H
amino	5-methoxycarbonyl pentyl	methoxycarbonyl	H	H
amino	6-methoxycarbonyl hexyl	ethoxycarbonyl	H	H
amino	2-carbamoyl ethyl	2-methoxyethyl	H	H
amino	3-carbamoyl propyl	ethyl	H	H
amino	4-carbamoyl butyl	propyl	H	H
amino	5-carbamoyl pentyl	benzoyl	H	H
amino	6-carbamoyl hexyl	methoxycarbonyl	H	H
amino	2-dimethylcarbamoyl ethyl	ethoxycarbonyl	H	H
amino	3-dimethylcarbamoyl propyl	2-methoxyethyl	H	H
amino	4-dimethylcarbamoyl butyl	ethyl	H	H
amino	5-dimethylcarbamoyl pentyl	propyl	H	H
amino	6-dimethylcarbamoyl hexyl	benzoyl	H	H
amino	2-methylcarbamoyl ethyl	methoxycarbonyl	H	H
amino	3-ethylcarbamoyl propyl	ethoxycarbonyl	H	H
amino	4-methylcarbamoyl butyl	2-methoxyethyl	H	H
amino	5-methylcarbamoyl pentyl	ethyl	H	H
amino	6-methylcarbamoyl hexyl	propyl	H	H
amino	2-ethylcarbamoyl methyl	benzoyl	H	H
amino	3-ethylcarbamoyl propyl	methoxycarbonyl	H	H
amino	4-ethylcarbamoyl butyl	ethoxycarbonyl	H	H
amino	5-ethylcarbamoyl pentyl	2-methoxyethyl	H	H
amino	6-ethylcarbamoyl hexyl	ethyl	H	H
amino	2-diethylcarbamoyl ethyl	benzoyl	H	H
amino	3-diethylcarbamoyl propyl	methoxycarbonyl	H	H

続<

【表256】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylbutyl	ethoxycarbonyl	H	H
amino	5-diethylcarbamoylpentyl	2-methoxyethyl	H	H
amino	6-diethylcarbamoylhexyl	ethyl	H	H
amino	2,2,2-trifluoroethyl	propyl	H	H
amino	3,3,3-trifluoropropyl	benzoyl	H	H
amino	4,4,4-trifluorobutyl	methoxycarbonyl	H	H
amino	5,5,5-trifluoropentyl	ethoxycarbonyl	H	H
amino	6,6,6-trifluorohexyl	2-methoxyethyl	H	H
amino	2-aminoethyl	ethyl	H	H
amino	3-aminopropyl	propyl	H	H
amino	4-aminobutyl	benzoyl	H	H
amino	5-aminopentyl	methoxycarbonyl	H	H
amino	6-aminohexyl	ethoxycarbonyl	H	H
amino	2-methylaminoethyl	2-methoxyethyl	H	H
amino	3-methylaminopropyl	ethyl	H	H
amino	4-methylaminobutyl	propyl	H	H
amino	5-methylaminopentyl	benzoyl	H	H
amino	6-methylaminohexyl	methoxycarbonyl	H	H
amino	2-dimethylaminoethyl	ethoxycarbonyl	H	H
amino	3-dimethylaminopropyl	2-methoxyethyl	H	H
amino	4-dimethylaminobutyl	ethyl	H	H
amino	5-dimethylaminopentyl	propyl	H	H
amino	6-dimethylaminohexyl	benzoyl	H	H
amino	2-acetylaminoethyl	methoxycarbonyl	H	H
amino	3-acetylaminoethyl	ethoxycarbonyl	H	H
amino	4-acetylaminoethyl	2-methoxyethyl	H	H
amino	5-acetylaminoethyl	ethyl	H	H
amino	6-acetylaminoethyl	propyl	H	H
amino	2-benzoylaminoethyl	benzoyl	H	H
amino	3-benzoylaminoethyl	methoxycarbonyl	H	H
amino	4-benzoylaminoethyl	ethoxycarbonyl	H	H
amino	5-benzoylaminoethyl	2-methoxyethyl	H	H
amino	6-benzoylaminoethyl	ethyl	H	H
amino	2-ethoxyethyl	propyl	H	H
amino	3-ethoxypropyl	benzoyl	H	H
amino	4-ethoxybutyl	methoxycarbonyl	H	H
amino	5-ethoxypentyl	ethoxycarbonyl	H	H
amino	2-propoxyethyl	2-methoxyethyl	H	H
amino	3-propoxypropyl	ethyl	H	H

続く

[表 257]

表 1 の続き

R ¹	R ²	R ¹	Y ¹	Y ²
amino	benzyl	propyl	H	H
amino	2-phenylethyl	benzoyl	H	H
amino	4-fluorobenzyl	methoxycarbonyl	H	H
amino	3-fluorobenzyl	ethoxycarbonyl	H	H
amino	2-fluorobenzyl	2-methoxyethyl	H	H
amino	3,4-difluorobenzyl	ethyl	H	H
amino	2,6-difluorobenzyl	propyl	H	H
amino	4-chlorobenzyl	benzoyl	H	H
amino	3-chlorobenzyl	methoxycarbonyl	H	H
amino	2-chlorobenzyl	ethoxycarbonyl	H	H
amino	2,6-dichlorobenzyl	2-methoxyethyl	H	H
amino	3,4-dichlorobenzyl	ethyl	H	H
amino	4-methoxybenzyl	propyl	H	H
amino	3-methoxybenzyl	benzoyl	H	H
amino	2-methoxybenzyl	methoxycarbonyl	H	H
amino	3,4-dimethoxybenzyl	ethoxycarbonyl	H	H
amino	3,4,5-trimethoxybenzyl	2-methoxyethyl	H	H
amino	4-hydroxybenzyl	ethyl	H	H
amino	3-hydroxybenzyl	propyl	H	H
amino	2-hydroxybenzyl	benzoyl	H	H
amino	3,4-dihydroxybenzyl	methoxycarbonyl	H	H
amino	4-methylbenzyl	ethoxycarbonyl	H	H
amino	3-methylbenzyl	2-methoxyethyl	H	H
amino	2-methylbenzyl	ethyl	H	H
amino	4-aminobenzyl	propyl	H	H
amino	3-aminobenzyl	benzoyl	H	H
amino	2-aminobenzyl	methoxycarbonyl	H	H
amino	4-dimethylaminobenzyl	ethoxycarbonyl	H	H
amino	3-dimethylaminobenzyl	2-methoxyethyl	H	H
amino	2-dimethylaminobenzyl	ethyl	H	H
amino	4-carbamoylbenzyl	propyl	H	H
amino	3-carbamoylbenzyl	benzoyl	H	H
amino	2-carbamoylbenzyl	methoxycarbonyl	H	H
amino	4-dimethylcarbamoylbenzyl	ethoxycarbonyl	H	H
amino	3-dimethylcarbamoylbenzyl	2-methoxyethyl	H	H
amino	2-dimethylcarbamoylbenzyl	ethyl	H	H
amino	4-methylcarbamoylbenzyl	propyl	H	H
amino	3-methylcarbamoylbenzyl	benzoyl	H	H
amino	2-methylcarbamoylbenzyl	methoxycarbonyl	H	H

続<

【表258】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	ethoxycarbonyl	H	H
amino	3-cyanobenzyl	2-methoxyethyl	H	H
amino	2-cyanobenzyl	ethyl	H	H
amino	4-phenoxybenzyl	propyl	H	H
amino	3-phenoxybenzyl	benzoyl	H	H
amino	2-phenoxybenzyl	methoxycarbonyl	H	H
amino	4-carboxybenzyl	ethoxycarbonyl	H	H
amino	3-carboxybenzyl	2-methoxyethyl	H	H
amino	2-carboxybenzyl	ethyl	H	H
amino	4-methoxycarbonylbenzyl	propyl	H	H
amino	3-methoxycarbonylbenzyl	benzoyl	H	H
amino	2-methoxycarbonylbenzyl	methoxycarbonyl	H	H
amino	4-acetylbenzyl	ethoxycarbonyl	H	H
amino	3-acetylbenzyl	2-methoxyethyl	H	H
amino	2-acetylbenzyl	ethyl	H	H
amino	4-benzoylbenzyl	propyl	H	H
amino	3-benzoylbenzyl	benzoyl	H	H
amino	2-benzoylbenzyl	methoxycarbonyl	H	H
amino	phenyl	ethoxycarbonyl	H	H
amino	4-fluorophenyl	2-methoxyethyl	H	H
amino	3-fluorophenyl	ethyl	H	H
amino	2-fluorophenyl	propyl	H	H
amino	3,4-difluorophenyl	benzoyl	H	H
amino	2,6-difluorophenyl	methoxycarbonyl	H	H
amino	4-chlorophenyl	ethoxycarbonyl	H	H
amino	3-chlorophenyl	2-methoxyethyl	H	H
amino	2-chlorophenyl	ethyl	H	H
amino	3,4-dichlorophenyl	propyl	H	H
amino	2,6-dichlorophenyl	benzoyl	H	H
amino	2-methoxyphenyl	methoxycarbonyl	H	H
amino	3-methoxyphenyl	ethoxycarbonyl	H	H
amino	4-methoxyphenyl	2-methoxyethyl	H	H
amino	3,4-dimethoxyphenyl	ethyl	H	H
amino	3,4,5-trimethoxyphenyl	propyl	H	H
amino	2-hydroxyphenyl	benzoyl	H	H
amino	3-hydroxyphenyl	methoxycarbonyl	H	H
amino	4-hydroxyphenyl	ethoxycarbonyl	H	H
amino	3,4-dihydroxyphenyl	2-methoxyethyl	H	H
amino	4-methylphenyl	ethyl	H	H
amino	3-methylphenyl	propyl	H	H
amino	2-methylphenyl	benzoyl	H	H

続く

【表259】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	methoxycarbonyl	H	H
amino	3-aminophenyl	ethoxycarbonyl	H	H
amino	2-aminophenyl	2-methoxyethyl	H	H
amino	4-dimethylaminophenyl	ethyl	H	H
amino	3-dimethylaminophenyl	propyl	H	H
amino	2-dimethylaminophenyl	benzoyl	H	H
amino	4-methylaminophenyl	methoxycarbonyl	H	H
amino	4-methylaminophenyl	ethoxycarbonyl	H	H
amino	3-methylaminophenyl	2-methoxyethyl	H	H
amino	4-cyanophenyl	ethyl	H	H
amino	3-cyanophenyl	propyl	H	H
amino	2-cyanophenyl	benzoyl	H	H
amino	4-phenoxyphenyl	methoxycarbonyl	H	H
amino	3-phenoxyphenyl	ethoxycarbonyl	H	H
amino	2-phenoxyphenyl	2-methoxyethyl	H	H
amino	4-carbamoylphenyl	ethyl	H	H
amino	3-carbamoylphenyl	propyl	H	H
amino	2-carbamoylphenyl	benzoyl	H	H
amino	4-methylcarbamoylphenyl	methoxycarbonyl	H	H
amino	3-methylcarbamoylphenyl	ethoxycarbonyl	H	H
amino	2-methylcarbamoylphenyl	2-methoxyethyl	H	H
amino	4-dimethylcarbamoylphenyl	ethyl	H	H
amino	3-dimethylcarbamoylphenyl	propyl	H	H
amino	2-dimethylcarbamoylphenyl	benzoyl	H	H
amino	4-carboxyphenyl	methoxycarbonyl	H	H
amino	3-carboxyphenyl	ethoxycarbonyl	H	H
amino	2-carboxyphenyl	2-methoxyethyl	H	H
amino	4-methoxycarbonylphenyl	ethyl	H	H
amino	3-methoxycarbonylphenyl	propyl	H	H
amino	2-methoxycarbonylphenyl	benzoyl	H	H
amino	4-acetylphenyl	methoxycarbonyl	H	H
amino	3-acetylphenyl	ethoxycarbonyl	H	H
amino	2-acetylphenyl	2-methoxyethyl	H	H
amino	4-benzoylphenyl	ethyl	H	H
amino	3-benzoylphenyl	propyl	H	H
amino	2-benzoylphenyl	benzoyl	H	H
amino	2-(4-fluorophenyl)ethyl	methoxycarbonyl	H	H
amino	2-(4-chlorophenyl)ethyl	ethoxycarbonyl	H	H
amino	2-(4-methoxyphenyl)ethyl	2-methoxyethyl	H	H

続き

【表260】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	ethyl	2-chloro	H
amino	methyl	propyl	3-chloro	H
amino	methyl	benzoyl	4-chloro	H
amino	methyl	methoxycarbonyl	2-fluoro	H
amino	methyl	ethoxycarbonyl	3-fluoro	H
amino	methyl	2-methoxyethyl	4-fluoro	H
amino	methyl	ethyl	2-bromo	H
amino	methyl	propyl	3-bromo	H
amino	methyl	benzoyl	4-bromo	H
amino	methyl	methoxycarbonyl	2-nitro	H
amino	methyl	ethoxycarbonyl	3-nitro	H
amino	methyl	2-methoxyethyl	4-nitro	H
amino	methyl	ethyl	2-methoxy	H
amino	methyl	propyl	3-methoxy	H
amino	methyl	benzoyl	4-methoxy	H
amino	methyl	methoxycarbonyl	2-chloro	4-chloro
amino	methyl	ethoxycarbonyl	3-chloro	4-chloro
amino	methyl	2-methoxyethyl	2-fluoro	4-fluoro
amino	methyl	ethyl	3-fluoro	4-fluoro
amino	methyl	propyl	2-bromo	4-bromo
amino	methyl	benzoyl	3-bromo	4-bromo
amino	methyl	methoxycarbonyl	2-methoxy	4-methoxy
amino	methyl	ethoxycarbonyl	3-methoxy	4-methoxy
amino	methyl	2-methoxyethyl	2-acetyl	H
amino	methyl	ethyl	3-acetyl	H
amino	methyl	propyl	4-acetyl	H
amino	methyl	benzoyl	2-benzoyl	H
amino	methyl	methoxycarbonyl	3-benzoyl	H
amino	methyl	ethoxycarbonyl	4-benzoyl	H
amino	methyl	2-methoxyethyl	2-cyano	H
amino	methyl	ethyl	3-cyano	H
amino	methyl	propyl	4-cyano	H
amino	methyl	benzoyl	2-carbamoyl	H
amino	methyl	methoxycarbonyl	3-carbamoyl	H
amino	methyl	ethoxycarbonyl	4-carbamoyl	H
amino	methyl	2-methoxyethyl	2-dimethylcarbamoyl	H
amino	methyl	ethyl	3-dimethylcarbamoyl	H
amino	methyl	propyl	4-dimethylcarbamoyl	H
amino	methyl	benzoyl	2-methylcarbamoyl	H
amino	methyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【0074】

【表261】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	ethoxycarbonyl	4-methylcarbamoyl	H
amino	methyl	2-methoxyethyl	2-methoxycarbonyl	H
amino	methyl	ethyl	3-methoxycarbonyl	H
amino	methyl	propyl	4-methoxycarbonyl	H
amino	methyl	benzoyl	2-amino	H
amino	methyl	methoxycarbonyl	3-amino	H
amino	methyl	ethoxycarbonyl	4-amino	H
amino	methyl	2-methoxyethyl	2-dimethylamino	H
amino	methyl	ethyl	3-dimethylamino	H
amino	methyl	propyl	4-dimethylamino	H
amino	methyl	benzoyl	2-methylamino	H
amino	methyl	methoxycarbonyl	3-methylamino	H
amino	methyl	ethoxycarbonyl	4-methylamino	H
amino	methyl	2-methoxyethyl	2-trifluoromethyl	H
amino	methyl	ethyl	3-trifluoromethyl	H
amino	methyl	propyl	4-trifluoromethyl	H
amino	methyl	benzoyl	2-fluoromethyl	H
amino	methyl	methoxycarbonyl	3-fluoromethyl	H
amino	methyl	ethoxycarbonyl	4-fluoromethyl	H
amino	methyl	2-methoxyethyl	2-hydroxy	H
amino	methyl	ethyl	3-hydroxy	H
amino	methyl	propyl	4-hydroxy	H
amino	methyl	benzoyl	4-(4-fluorobenzoyl)	H
amino	methyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
amino	methyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
amino	methyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
amino	methyl	ethyl	3-(4-methylbenzoyl)	H
amino	methyl	propyl	2-(4-methylbenzoyl)	H
amino	methyl	benzoyl	4-chloroacetyl	H
amino	methyl	methoxycarbonyl	3-chloroacetyl	H
amino	methyl	ethoxycarbonyl	2-chloroacetyl	H
amino	methyl	2-methoxyethyl	4-ethoxycarbonyl	H
amino	methyl	ethyl	3-ethoxycarbonyl	H
amino	methyl	propyl	2-ethoxycarbonyl	H
amino	methyl	benzoyl	4-carboxy	H
amino	methyl	methoxycarbonyl	3-carboxy	H
amino	methyl	ethoxycarbonyl	2-carboxy	H
amino	methyl	2-methoxyethyl	4-chloromethoxy	H
amino	methyl	ethyl	3-chloromethoxy	H
amino	methyl	propyl	2-chloromethoxy	H

続<

【表262】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	benzoyl	2-chloro	H
amino	ethyl	methoxycarbonyl	3-chloro	H
amino	ethyl	ethoxycarbonyl	4-chloro	H
amino	ethyl	2-methoxyethyl	2-fluoro	H
amino	ethyl	ethyl	3-fluoro	H
amino	ethyl	propyl	4-fluoro	H
amino	ethyl	benzoyl	2-bromo	H
amino	ethyl	methoxycarbonyl	3-bromo	H
amino	ethyl	ethoxycarbonyl	4-bromo	H
amino	ethyl	2-methoxyethyl	2-nitro	H
amino	ethyl	ethyl	3-nitro	H
amino	ethyl	propyl	4-nitro	H
amino	ethyl	benzoyl	2-methoxy	H
amino	ethyl	methoxycarbonyl	3-methoxy	H
amino	ethyl	ethoxycarbonyl	4-methoxy	H
amino	ethyl	2-methoxyethyl	2-chloro	4-chloro
amino	ethyl	ethyl	3-chloro	4-chloro
amino	ethyl	propyl	2-fluoro	4-fluoro
amino	ethyl	benzoyl	3-fluoro	4-fluoro
amino	ethyl	methoxycarbonyl	2-bromo	4-bromo
amino	ethyl	ethoxycarbonyl	3-bromo	4-bromo
amino	ethyl	2-methoxyethyl	2-methoxy	4-methoxy
amino	ethyl	ethyl	3-methoxy	4-methoxy
amino	ethyl	propyl	2-acetyl	H
amino	ethyl	benzoyl	3-acetyl	H
amino	ethyl	methoxycarbonyl	4-acetyl	H
amino	ethyl	ethoxycarbonyl	2-benzoyl	H
amino	ethyl	2-methoxyethyl	3-benzoyl	H
amino	ethyl	ethyl	4-benzoyl	H
amino	ethyl	propyl	2-cyano	H
amino	ethyl	benzoyl	3-cyano	H
amino	ethyl	methoxycarbonyl	4-cyano	H
amino	ethyl	ethoxycarbonyl	2-carbamoyl	H
amino	ethyl	2-methoxyethyl	3-carbamoyl	H
amino	ethyl	ethyl	4-carbamoyl	H
amino	ethyl	propyl	2-dimethylcarbamoyl	H
amino	ethyl	benzoyl	3-dimethylcarbamoyl	H
amino	ethyl	methoxycarbonyl	4-dimethylcarbamoyl	H
amino	ethyl	ethoxycarbonyl	2-methylcarbamoyl	H
amino	ethyl	2-methoxyethyl	3-methylcarbamoyl	H

続く

[表 263]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	ethyl	4-methylcarbonyl	H
amino	ethyl	propyl	2-methoxycarbonyl	H
amino	ethyl	benzoyl	3-methoxycarbonyl	H
amino	ethyl	methoxycarbonyl	4-methoxycarbonyl	H
amino	ethyl	ethoxycarbonyl	2-amino	H
amino	ethyl	2-methoxyethyl	3-amino	H
amino	ethyl	ethyl	4-amino	H
amino	ethyl	propyl	2-dimethylamino	H
amino	ethyl	benzoyl	3-dimethylamino	H
amino	ethyl	methoxycarbonyl	4-dimethylamino	H
amino	ethyl	ethoxycarbonyl	2-methylamino	H
amino	ethyl	2-methoxyethyl	3-methylamino	H
amino	ethyl	ethyl	4-methylamino	H
amino	ethyl	propyl	2-trifluoromethyl	H
amino	ethyl	benzoyl	3-trifluoromethyl	H
amino	ethyl	methoxycarbonyl	4-trifluoromethyl	H
amino	ethyl	ethoxycarbonyl	2-fluoromethyl	H
amino	ethyl	2-methoxyethyl	3-fluoromethyl	H
amino	ethyl	ethyl	4-fluoromethyl	H
amino	ethyl	propyl	2-hydroxy	H
amino	ethyl	benzoyl	3-hydroxy	H
amino	ethyl	methoxycarbonyl	4-hydroxy	H
amino	ethyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
amino	ethyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
amino	ethyl	ethyl	2-(4-fluorobenzoyl)	H
amino	ethyl	propyl	4-(4-methylbenzoyl)	H
amino	ethyl	benzoyl	3-(4-methylbenzoyl)	H
amino	ethyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
amino	ethyl	ethoxycarbonyl	4-chloroacetyl	H
amino	ethyl	2-methoxyethyl	3-chloroacetyl	H
amino	ethyl	ethyl	2-chloroacetyl	H
amino	ethyl	propyl	4-ethoxycarbonyl	H
amino	ethyl	benzoyl	3-ethoxycarbonyl	H
amino	ethyl	methoxycarbonyl	2-ethoxycarbonyl	H
amino	ethyl	ethoxycarbonyl	4-carboxy	H
amino	ethyl	2-methoxyethyl	3-carboxy	H
amino	ethyl	ethyl	2-carboxy	H
amino	ethyl	propyl	4-chloromethoxy	H
amino	ethyl	benzoyl	3-chloromethoxy	H
amino	ethyl	methoxycarbonyl	2-chloromethoxy	H

続く

[表 264]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	ethoxycarbonyl	2-chloro	H
amino	propyl	2-methoxyethyl	3-chloro	H
amino	propyl	ethyl	4-chloro	H
amino	propyl	propyl	2-fluoro	H
amino	propyl	benzoyl	3-fluoro	H
amino	propyl	methoxycarbonyl	4-fluoro	H
amino	propyl	ethoxycarbonyl	2-bromo	H
amino	propyl	2-methoxyethyl	3-bromo	H
amino	propyl	ethyl	4-bromo	H
amino	propyl	propyl	2-nitro	H
amino	propyl	benzoyl	3-nitro	H
amino	propyl	methoxycarbonyl	4-nitro	H
amino	propyl	ethoxycarbonyl	2-methoxy	H
amino	propyl	2-methoxyethyl	3-methoxy	H
amino	propyl	ethyl	4-methoxy	H
amino	propyl	propyl	2-chloro	4-chloro
amino	propyl	benzoyl	3-chloro	4-chloro
amino	propyl	methoxycarbonyl	2-fluoro	4-fluoro
amino	propyl	ethoxycarbonyl	3-fluoro	4-fluoro
amino	propyl	2-methoxyethyl	2-bromo	4-bromo
amino	propyl	ethyl	3-bromo	4-bromo
amino	propyl	propyl	2-methoxy	4-methoxy
amino	propyl	benzoyl	3-methoxy	4-methoxy
amino	propyl	methoxycarbonyl	2-acetyl	H
amino	propyl	ethoxycarbonyl	3-acetyl	H
amino	propyl	2-methoxyethyl	4-acetyl	H
amino	propyl	ethyl	2-benzoyl	H
amino	propyl	propyl	3-benzoyl	H
amino	propyl	benzoyl	4-benzoyl	H
amino	propyl	methoxycarbonyl	2-cyano	H
amino	propyl	ethoxycarbonyl	3-cyano	H
amino	propyl	2-methoxyethyl	4-cyano	H
amino	propyl	ethyl	2-carbamoyl	H
amino	propyl	propyl	3-carbamoyl	H
amino	propyl	benzoyl	4-carbamoyl	H
amino	propyl	methoxycarbonyl	2-dimethylcarbamoyl	H
amino	propyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
amino	propyl	2-methoxyethyl	4-dimethylcarbamoyl	H
amino	propyl	ethyl	2-methylcarbamoyl	H
amino	propyl	propyl	3-methylcarbamoyl	H

続く

[表265]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	benzoyl	4-methylcarbonyl	H
amino	propyl	methoxycarbonyl	2-methoxycarbonyl	H
amino	propyl	ethoxycarbonyl	3-methoxycarbonyl	H
amino	propyl	2-methoxyethyl	4-methoxycarbonyl	H
amino	propyl	ethyl	2-amino	H
amino	propyl	propyl	3-amino	H
amino	propyl	benzoyl	4-amino	H
amino	propyl	methoxycarbonyl	2-dimethylamino	H
amino	propyl	ethoxycarbonyl	3-dimethylamino	H
amino	propyl	2-methoxyethyl	4-dimethylamino	H
amino	propyl	ethyl	2-methylamino	H
amino	propyl	propyl	3-methylamino	H
amino	propyl	benzoyl	4-methylamino	H
amino	propyl	methoxycarbonyl	2-trifluoromethyl	H
amino	propyl	ethoxycarbonyl	3-trifluoromethyl	H
amino	propyl	2-methoxyethyl	4-trifluoromethyl	H
amino	propyl	ethyl	2-fluoromethyl	H
amino	propyl	propyl	3-fluoromethyl	H
amino	propyl	benzoyl	4-fluoromethyl	H
amino	propyl	methoxycarbonyl	2-hydroxy	H
amino	propyl	ethoxycarbonyl	3-hydroxy	H
amino	propyl	2-methoxyethyl	4-hydroxy	H
amino	propyl	ethyl	4-(4-fluorobenzoyl)	H
amino	propyl	propyl	3-(4-fluorobenzoyl)	H
amino	propyl	benzoyl	2-(4-fluorobenzoyl)	H
amino	propyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
amino	propyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
amino	propyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
amino	propyl	ethyl	4-chloroacetyl	H
amino	propyl	propyl	3-chloroacetyl	H
amino	propyl	benzoyl	2-chloroacetyl	H
amino	propyl	methoxycarbonyl	4-ethoxycarbonyl	H
amino	propyl	ethoxycarbonyl	3-ethoxycarbonyl	H
amino	propyl	2-methoxyethyl	2-ethoxycarbonyl	H
amino	propyl	ethyl	4-carboxy	H
amino	propyl	propyl	3-carboxy	H
amino	propyl	benzoyl	2-carboxy	H
amino	propyl	methoxycarbonyl	4-chloromethoxy	H
amino	propyl	ethoxycarbonyl	3-chloromethoxy	H
amino	propyl	2-methoxyethyl	2-chloromethoxy	H

続く

【表266】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	ethyl	2-chloro	H
amino	butyl	propyl	3-chloro	H
amino	butyl	benzoyl	4-chloro	H
amino	butyl	methoxycarbonyl	2-fluoro	H
amino	butyl	ethoxycarbonyl	3-fluoro	H
amino	butyl	2-methoxyethyl	4-fluoro	H
amino	butyl	ethyl	2-bromo	H
amino	butyl	propyl	3-bromo	H
amino	butyl	benzoyl	4-bromo	H
amino	butyl	methoxycarbonyl	2-nitro	H
amino	butyl	ethoxycarbonyl	3-nitro	H
amino	butyl	2-methoxyethyl	4-nitro	H
amino	butyl	ethyl	2-methoxy	H
amino	butyl	propyl	3-methoxy	H
amino	butyl	benzoyl	4-methoxy	H
amino	butyl	methoxycarbonyl	2-chloro	4-chloro
amino	butyl	ethoxycarbonyl	3-chloro	4-chloro
amino	butyl	2-methoxyethyl	2-fluoro	4-fluoro
amino	butyl	ethyl	3-fluoro	4-fluoro
amino	butyl	propyl	2-bromo	4-bromo
amino	butyl	benzoyl	3-bromo	4-bromo
amino	butyl	methoxycarbonyl	2-methoxy	4-methoxy
amino	butyl	ethoxycarbonyl	3-methoxy	4-methoxy
amino	butyl	2-methoxyethyl	2-acetyl	H
amino	butyl	ethyl	3-acetyl	H
amino	butyl	propyl	4-acetyl	H
amino	butyl	benzoyl	2-benzoyl	H
amino	butyl	methoxycarbonyl	3-benzoyl	H
amino	butyl	ethoxycarbonyl	4-benzoyl	H
amino	butyl	2-methoxyethyl	2-cyano	H
amino	butyl	ethyl	3-cyano	H
amino	butyl	propyl	4-cyano	H
amino	butyl	benzoyl	2-carbamoyl	H
amino	butyl	methoxycarbonyl	3-carbamoyl	H
amino	butyl	ethoxycarbonyl	4-carbamoyl	H
amino	butyl	2-methoxyethyl	2-dimethylcarbamoyl	H
amino	butyl	ethyl	3-dimethylcarbamoyl	H
amino	butyl	propyl	4-dimethylcarbamoyl	H
amino	butyl	benzoyl	2-methylcarbamoyl	H
amino	butyl	methoxycarbonyl	3-methylcarbamoyl	H

続<

【表267】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	ethoxycarbonyl	4-methylcarbamoyl	H
amino	butyl	2-methoxyethyl	2-methoxycarbonyl	H
amino	butyl	ethyl	3-methoxycarbonyl	H
amino	butyl	propyl	4-methoxycarbonyl	H
amino	butyl	benzoyl	2-amino	H
amino	butyl	methoxycarbonyl	3-amino	H
amino	butyl	ethoxycarbonyl	4-amino	H
amino	butyl	2-methoxyethyl	2-dimethylamino	H
amino	butyl	ethyl	3-dimethylamino	H
amino	butyl	propyl	4-dimethylamino	H
amino	butyl	benzoyl	2-methylamino	H
amino	butyl	methoxycarbonyl	3-methylamino	H
amino	butyl	ethoxycarbonyl	4-methylamino	H
amino	butyl	2-methoxyethyl	2-trifluoromethyl	H
amino	butyl	ethyl	3-trifluoromethyl	H
amino	butyl	propyl	4-trifluoromethyl	H
amino	butyl	benzoyl	2-fluoromethyl	H
amino	butyl	methoxycarbonyl	3-fluoromethyl	H
amino	butyl	ethoxycarbonyl	4-fluoromethyl	H
amino	butyl	2-methoxyethyl	2-hydroxy	H
amino	butyl	ethyl	3-hydroxy	H
amino	butyl	propyl	4-hydroxy	H
amino	butyl	benzoyl	4-(4-fluorobenzoyl)	H
amino	butyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
amino	butyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
amino	butyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
amino	butyl	ethyl	3-(4-methylbenzoyl)	H
amino	butyl	propyl	2-(4-methylbenzoyl)	H
amino	butyl	benzoyl	4-chloroacetyl	H
amino	butyl	methoxycarbonyl	3-chloroacetyl	H
amino	butyl	ethoxycarbonyl	2-chloroacetyl	H
amino	butyl	2-methoxyethyl	4-ethoxycarbonyl	H
amino	butyl	ethyl	3-ethoxycarbonyl	H
amino	butyl	propyl	2-ethoxycarbonyl	H
amino	butyl	benzoyl	4-carboxy	H
amino	butyl	methoxycarbonyl	3-carboxy	H
amino	butyl	ethoxycarbonyl	2-carboxy	H
amino	butyl	2-methoxyethyl	4-chloromethoxy	H
amino	butyl	ethyl	3-chloromethoxy	H
amino	butyl	propyl	2-chloromethoxy	H

続<

【表268】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	benzoyl	2-chloro	H
amino	benzyl	methoxycarbonyl	3-chloro	H
amino	benzyl	ethoxycarbonyl	4-chloro	H
amino	benzyl	2-methoxyethyl	2-fluoro	H
amino	benzyl	ethyl	3-fluoro	H
amino	benzyl	propyl	4-fluoro	H
amino	benzyl	benzoyl	2-bromo	H
amino	benzyl	methoxycarbonyl	3-bromo	H
amino	benzyl	ethoxycarbonyl	4-bromo	H
amino	benzyl	2-methoxyethyl	2-nitro	H
amino	benzyl	ethyl	3-nitro	H
amino	benzyl	propyl	4-nitro	H
amino	benzyl	benzoyl	2-methoxy	H
amino	benzyl	methoxycarbonyl	3-methoxy	H
amino	benzyl	ethoxycarbonyl	4-methoxy	H
amino	benzyl	2-methoxyethyl	2-chloro	4-chloro
amino	benzyl	ethyl	3-chloro	4-chloro
amino	benzyl	propyl	2-fluoro	4-fluoro
amino	benzyl	benzoyl	3-fluoro	4-fluoro
amino	benzyl	methoxycarbonyl	2-bromo	4-bromo
amino	benzyl	ethoxycarbonyl	3-bromo	4-bromo
amino	benzyl	2-methoxyethyl	2-methoxy	4-methoxy
amino	benzyl	ethyl	3-methoxy	4-methoxy
amino	benzyl	propyl	2-acetyl	H
amino	benzyl	benzoyl	3-acetyl	H
amino	benzyl	methoxycarbonyl	4-acetyl	H
amino	benzyl	ethoxycarbonyl	2-benzoyl	H
amino	benzyl	2-methoxyethyl	3-benzoyl	H
amino	benzyl	ethyl	4-benzoyl	H
amino	benzyl	propyl	2-cyano	H
amino	benzyl	benzoyl	3-cyano	H
amino	benzyl	methoxycarbonyl	4-cyano	H
amino	benzyl	ethoxycarbonyl	2-carbamoyl	H
amino	benzyl	2-methoxyethyl	3-carbamoyl	H
amino	benzyl	ethyl	4-carbamoyl	H
amino	benzyl	propyl	2-dimethylcarbamoyl	H
amino	benzyl	benzoyl	3-dimethylcarbamoyl	H
amino	benzyl	methoxycarbonyl	4-dimethylcarbamoyl	H
amino	benzyl	ethoxycarbonyl	2-methylcarbamoyl	H
amino	benzyl	2-methoxyethyl	3-methylcarbamoyl	H

続<

[表 269]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	ethyl	4-methylcarbonyl	H
amino	benzyl	propyl	2-methoxycarbonyl	H
amino	benzyl	benzoyl	3-methoxycarbonyl	H
amino	benzyl	methoxycarbonyl	4-methoxycarbonyl	H
amino	benzyl	ethoxycarbonyl	2-amino	H
amino	benzyl	2-methoxyethyl	3-amino	H
amino	benzyl	ethyl	4-amino	H
amino	benzyl	propyl	2-dimethylamino	H
amino	benzyl	benzoyl	3-dimethylamino	H
amino	benzyl	methoxycarbonyl	4-dimethylamino	H
amino	benzyl	ethoxycarbonyl	2-methylamino	H
amino	benzyl	2-methoxyethyl	3-methylamino	H
amino	benzyl	ethyl	4-methylamino	H
amino	benzyl	propyl	2-trifluoromethyl	H
amino	benzyl	benzoyl	3-trifluoromethyl	H
amino	benzyl	methoxycarbonyl	4-trifluoromethyl	H
amino	benzyl	ethoxycarbonyl	2-fluoromethyl	H
amino	benzyl	2-methoxyethyl	3-fluoromethyl	H
amino	benzyl	ethyl	4-fluoromethyl	H
amino	benzyl	propyl	2-hydroxy	H
amino	benzyl	benzoyl	3-hydroxy	H
amino	benzyl	methoxycarbonyl	4-hydroxy	H
amino	benzyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
amino	benzyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
amino	benzyl	ethyl	2-(4-fluorobenzoyl)	H
amino	benzyl	propyl	4-(4-methylbenzoyl)	H
amino	benzyl	benzoyl	3-(4-methylbenzoyl)	H
amino	benzyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
amino	benzyl	ethoxycarbonyl	4-chloroacetyl	H
amino	benzyl	2-methoxyethyl	3-chloroacetyl	H
amino	benzyl	ethyl	2-chloroacetyl	H
amino	benzyl	propyl	4-ethoxycarbonyl	H
amino	benzyl	benzoyl	3-ethoxycarbonyl	H
amino	benzyl	methoxycarbonyl	2-ethoxycarbonyl	H
amino	benzyl	ethoxycarbonyl	4-carboxy	H
amino	benzyl	2-methoxyethyl	3-carboxy	H
amino	benzyl	ethyl	2-carboxy	H
amino	benzyl	propyl	4-chloromethoxy	H
amino	benzyl	benzoyl	3-chloromethoxy	H
amino	benzyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表270】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	ethoxycarbonyl	3-chloro	H
amino	cyclohexylmethyl	2-methoxyethyl	3-chloro	H
amino	cyclohexylmethyl	ethyl	4-chloro	H
amino	cyclohexylmethyl	propyl	2-fluoro	H
amino	cyclohexylmethyl	benzoyl	3-fluoro	H
amino	cyclohexylmethyl	methoxycarbonyl	4-fluoro	H
amino	cyclohexylmethyl	ethoxycarbonyl	2-bromo	H
amino	cyclohexylmethyl	2-methoxyethyl	3-bromo	H
amino	cyclohexylmethyl	ethyl	4-bromo	H
amino	cyclohexylmethyl	propyl	2-nitro	H
amino	cyclohexylmethyl	benzoyl	3-nitro	H
amino	cyclohexylmethyl	methoxycarbonyl	4-nitro	H
amino	cyclohexylmethyl	ethoxycarbonyl	2-methoxy	H
amino	cyclohexylmethyl	2-methoxyethyl	3-methoxy	H
amino	cyclohexylmethyl	ethyl	4-methoxy	H
amino	cyclohexylmethyl	propyl	2-chloro	4-chloro
amino	cyclohexylmethyl	benzoyl	3-chloro	4-chloro
amino	cyclohexylmethyl	methoxycarbonyl	2-fluoro	4-fluoro
amino	cyclohexylmethyl	ethoxycarbonyl	3-fluoro	4-fluoro
amino	cyclohexylmethyl	2-methoxyethyl	2-bromo	4-bromo
amino	cyclohexylmethyl	ethyl	3-bromo	4-bromo
amino	cyclohexylmethyl	propyl	2-methoxy	4-methoxy
amino	cyclohexylmethyl	benzoyl	3-methoxy	4-methoxy
amino	cyclohexylmethyl	methoxycarbonyl	2-acetyl	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-acetyl	H
amino	cyclohexylmethyl	2-methoxyethyl	4-acetyl	H
amino	cyclohexylmethyl	ethyl	2-benzoyl	H
amino	cyclohexylmethyl	propyl	3-benzoyl	H
amino	cyclohexylmethyl	benzoyl	4-benzoyl	H
amino	cyclohexylmethyl	methoxycarbonyl	2-cyano	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-cyano	H
amino	cyclohexylmethyl	2-methoxyethyl	4-cyano	H
amino	cyclohexylmethyl	ethyl	2-carbamoyl	H
amino	cyclohexylmethyl	propyl	3-carbamoyl	H
amino	cyclohexylmethyl	benzoyl	4-carbamoyl	H
amino	cyclohexylmethyl	methoxycarbonyl	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	2-methoxyethyl	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	ethyl	2-methylcarbamoyl	H
amino	cyclohexylmethyl	propyl	3-methylcarbamoyl	H

続く

【表271】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	benzoyl	4-methylcarbamoyl	H
amino	cyclohexylmethyl	methoxycarbonyl	2-methoxycarbonyl	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-methoxycarbonyl	H
amino	cyclohexylmethyl	2-methoxyethyl	4-methoxycarbonyl	H
amino	cyclohexylmethyl	ethyl	2-amino	H
amino	cyclohexylmethyl	propyl	3-amino	H
amino	cyclohexylmethyl	benzoyl	4-amino	H
amino	cyclohexylmethyl	methoxycarbonyl	2-dimethylamino	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylamino	H
amino	cyclohexylmethyl	2-methoxyethyl	4-dimethylamino	H
amino	cyclohexylmethyl	ethyl	2-methylamino	H
amino	cyclohexylmethyl	propyl	3-methylamino	H
amino	cyclohexylmethyl	benzoyl	4-methylamino	H
amino	cyclohexylmethyl	methoxycarbonyl	2-trifluoromethyl	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-trifluoromethyl	H
amino	cyclohexylmethyl	2-methoxyethyl	4-trifluoromethyl	H
amino	cyclohexylmethyl	ethyl	2-fluoromethyl	H
amino	cyclohexylmethyl	propyl	3-fluoromethyl	H
amino	cyclohexylmethyl	benzoyl	4-fluoromethyl	H
amino	cyclohexylmethyl	methoxycarbonyl	2-hydroxy	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-hydroxy	H
amino	cyclohexylmethyl	2-methoxyethyl	4-hydroxy	H
amino	cyclohexylmethyl	ethyl	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	propyl	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	benzoyl	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	ethyl	4-chloroacetyl	H
amino	cyclohexylmethyl	propyl	3-chloroacetyl	H
amino	cyclohexylmethyl	benzoyl	2-chloroacetyl	H
amino	cyclohexylmethyl	methoxycarbonyl	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	2-methoxyethyl	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	ethyl	4-carboxy	H
amino	cyclohexylmethyl	propyl	3-carboxy	H
amino	cyclohexylmethyl	benzoyl	2-carboxy	H
amino	cyclohexylmethyl	methoxycarbonyl	4-chloromethoxy	H
amino	cyclohexylmethyl	ethoxycarbonyl	3-chloromethoxy	H
amino	cyclohexylmethyl	2-methoxyethyl	2-chloromethoxy	H

続<

【表272】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	H	ethyl	H	H
methylamino	methyl	propyl	H	H
methylamino	ethyl	benzoyl	H	H
methylamino	propyl	methoxycarbonyl	H	H
methylamino	methylethyl	ethoxycarbonyl	H	H
methylamino	butyl	2-methoxyethyl	H	H
methylamino	1-methylpropyl	ethyl	H	H
methylamino	2-methylpropyl	propyl	H	H
methylamino	dimethylethyl	benzoyl	H	H
methylamino	pentyl	methoxycarbonyl	H	H
methylamino	1-methylbutyl	ethoxycarbonyl	H	H
methylamino	2-methylbutyl	2-methoxyethyl	H	H
methylamino	1,1-dimethylpropyl	ethyl	H	H
methylamino	1,2-dimethylpropyl	propyl	H	H
methylamino	2,2-dimethylpropyl	benzoyl	H	H
methylamino	hexyl	methoxycarbonyl	H	H
methylamino	1-methylpentyl	ethoxycarbonyl	H	H
methylamino	2-methylpentyl	2-methoxyethyl	H	H
methylamino	3-methylpentyl	ethyl	H	H
methylamino	4-methylpentyl	propyl	H	H
methylamino	1,1-dimethylbutyl	benzoyl	H	H
methylamino	1,2-dimethylbutyl	methoxycarbonyl	H	H
methylamino	1,3-dimethylbutyl	ethoxycarbonyl	H	H
methylamino	2,2-dimethylbutyl	2-methoxyethyl	H	H
methylamino	2,3-dimethylbutyl	ethyl	H	H
methylamino	3,3-dimethylbutyl	propyl	H	H
methylamino	1-ethylbutyl	benzoyl	H	H
methylamino	2-ethylbutyl	methoxycarbonyl	H	H
methylamino	1,1,2-trimethylpropyl	ethoxycarbonyl	H	H
methylamino	heptyl	2-methoxyethyl	H	H
methylamino	cyclopropyl	ethyl	H	H
methylamino	cyclopentyl	propyl	H	H
methylamino	cyclohexyl	benzoyl	H	H
methylamino	cycloheptyl	methoxycarbonyl	H	H
methylamino	cyclopropylmethyl	ethoxycarbonyl	H	H
methylamino	cyclopentylmethyl	2-methoxyethyl	H	H
methylamino	cyclohexylmethyl	ethyl	H	H
methylamino	cycloheptylmethyl	propyl	H	H
methylamino	2-methoxyethyl	benzoyl	H	H
methylamino	3-methoxypropyl	methoxycarbonyl	H	H

続く

【表273】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	4-methoxybutyl	ethoxycarbonyl	H	H
methylamino	5-methoxypentyl	methoxycarbonyl	H	H
methylamino	5-ethoxypentyl	2-methoxyethyl	H	H
methylamino	2-ethoxyethyl	ethyl	H	H
methylamino	3-ethoxypropyl	propyl	H	H
methylamino	4-ethoxybutyl	benzoyl	H	H
methylamino	2-carboxyethyl	methoxycarbonyl	H	H
methylamino	3-carboxypropyl	ethoxycarbonyl	H	H
methylamino	4-carboxybutyl	2-methoxyethyl	H	H
methylamino	5-carboxypentyl	ethyl	H	H
methylamino	2-hydroxyethyl	propyl	H	H
methylamino	3-hydroxypropyl	benzoyl	H	H
methylamino	4-hydroxybutyl	methoxycarbonyl	H	H
methylamino	5-hydroxypentyl	ethoxycarbonyl	H	H
methylamino	2-methoxycarbonylethyl	2-methoxyethyl	H	H
methylamino	3-methoxycarbonylpropyl	ethyl	H	H
methylamino	4-methoxycarbonylbutyl	propyl	H	H
methylamino	5-methoxycarbonylpentyl	benzoyl	H	H
methylamino	2-aminoethyl	methoxycarbonyl	H	H
methylamino	3-aminopropyl	ethoxycarbonyl	H	H
methylamino	4-aminobutyl	2-methoxyethyl	H	H
methylamino	5-aminopentyl	ethyl	H	H
methylamino	6-aminoethyl	propyl	H	H
methylamino	2-chloroethyl	benzoyl	H	H
methylamino	3-chloropropyl	methoxycarbonyl	H	H
methylamino	4-chlorobutyl	ethoxycarbonyl	H	H
methylamino	5-chloropentyl	2-methoxyethyl	H	H
methylamino	6-chlorohexyl	ethyl	H	H
methylamino	2-fluoroethyl	propyl	H	H
methylamino	3-fluoropropyl	benzoyl	H	H
methylamino	4-fluorobutyl	methoxycarbonyl	H	H
methylamino	5-fluoropentyl	ethoxycarbonyl	H	H
methylamino	6-fluorohexyl	2-methoxyethyl	H	H
methylamino	2-carbamoylethyl	ethyl	H	H
methylamino	3-carbamoylpropyl	propyl	H	H
methylamino	4-carbamoylbutyl	benzoyl	H	H
methylamino	5-carbamoylpentyl	methoxycarbonyl	H	H
methylamino	6-carbamoylhexyl	ethoxycarbonyl	H	H
methylamino	3-methylcarbamoylpropyl	2-methoxyethyl	H	H
methylamino	4-methylcarbamoylbutyl	ethyl	H	H
methylamino	5-methylcarbamoylpentyl	propyl	H	H

続く

【表 274】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	benzoyl	H	H
methylamino	2-phenylethyl	methoxycarbonyl	H	H
methylamino	4-fluorobenzyl	ethoxycarbonyl	H	H
methylamino	3-fluorobenzyl	2-methoxyethyl	H	H
methylamino	4-chlorobenzyl	ethyl	H	H
methylamino	3-chlorobenzyl	propyl	H	H
methylamino	4-methoxybenzyl	benzoyl	H	H
methylamino	3-methoxybenzyl	methoxycarbonyl	H	H
methylamino	4-hydroxybenzyl	ethoxycarbonyl	H	H
methylamino	3-hydroxybenzyl	2-methoxyethyl	H	H
methylamino	4-methylbenzyl	ethyl	H	H
methylamino	3-methylbenzyl	propyl	H	H
methylamino	4-aminobenzyl	benzoyl	H	H
methylamino	3-aminobenzyl	methoxycarbonyl	H	H
methylamino	4-dimethylaminobenzyl	ethoxycarbonyl	H	H
methylamino	3-dimethylaminobenzyl	2-methoxyethyl	H	H
methylamino	4-carbamoylbenzyl	ethyl	H	H
methylamino	3-carbamoylbenzyl	propyl	H	H
methylamino	4-methylcarbamoylbenzyl	benzoyl	H	H
methylamino	3-methylcarbamoylbenzyl	methoxycarbonyl	H	H
methylamino	4-cyanobenzyl	ethoxycarbonyl	H	H
methylamino	4-phenoxybenzyl	2-methoxyethyl	H	H
methylamino	phenyl	ethyl	H	H
methylamino	4-fluorophenyl	propyl	H	H
methylamino	3-fluorophenyl	benzoyl	H	H
methylamino	4-chlorophenyl	methoxycarbonyl	H	H
methylamino	3-methoxyphenyl	ethoxycarbonyl	H	H
methylamino	3-hydroxyphenyl	2-methoxyethyl	H	H
methylamino	4-methylphenyl	ethyl	H	H
methylamino	3-methylphenyl	propyl	H	H
methylamino	4-aminophenyl	benzoyl	H	H
methylamino	3-aminophenyl	methoxycarbonyl	H	H
methylamino	3-dimethylaminophenyl	ethoxycarbonyl	H	H
methylamino	4-dimethylaminophenyl	2-methoxyethyl	H	H
methylamino	3-carbamoylphenyl	ethyl	H	H
methylamino	4-carbamoylphenyl	propyl	H	H
methylamino	3-cyanophenyl	benzoyl	H	H
methylamino	4-cyanophenyl	methoxycarbonyl	H	H
methylamino	3-phenoxyphenyl	ethoxycarbonyl	H	H
methylamino	4-phenoxyphenyl	2-methoxyethyl	H	H

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【表 275】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	methyl	ethyl	2-chloro	H
methylamino	methyl	propyl	3-chloro	H
methylamino	methyl	benzoyl	4-chloro	H
methylamino	methyl	methoxycarbonyl	2-fluoro	H
methylamino	methyl	ethoxycarbonyl	3-fluoro	H
methylamino	methyl	2-methoxyethyl	4-fluoro	H
methylamino	methyl	ethyl	2-bromo	H
methylamino	methyl	propyl	3-bromo	H
methylamino	methyl	benzoyl	4-bromo	H
methylamino	methyl	methoxycarbonyl	2-nitro	H
methylamino	methyl	ethoxycarbonyl	3-nitro	H
methylamino	methyl	2-methoxyethyl	4-nitro	H
methylamino	methyl	ethyl	2-methoxy	H
methylamino	methyl	propyl	3-methoxy	H
methylamino	methyl	benzoyl	4-methoxy	H
methylamino	methyl	methoxycarbonyl	2-chloro	4-chloro
methylamino	methyl	ethoxycarbonyl	3-chloro	4-chloro
methylamino	methyl	2-methoxyethyl	2-fluoro	4-fluoro
methylamino	methyl	ethyl	3-fluoro	4-fluoro
methylamino	methyl	propyl	2-bromo	4-bromo
methylamino	methyl	benzoyl	3-bromo	4-bromo
methylamino	methyl	methoxycarbonyl	2-methoxy	4-methoxy
methylamino	methyl	ethoxycarbonyl	3-methoxy	4-methoxy
methylamino	methyl	2-methoxyethyl	2-acetyl	H
methylamino	methyl	ethyl	3-acetyl	H
methylamino	methyl	propyl	4-acetyl	H
methylamino	methyl	benzoyl	2-benzoyl	H
methylamino	methyl	methoxycarbonyl	3-benzoyl	H
methylamino	methyl	ethoxycarbonyl	4-benzoyl	H
methylamino	methyl	2-methoxyethyl	2-cyano	H
methylamino	methyl	ethyl	3-cyano	H
methylamino	methyl	propyl	4-cyano	H
methylamino	methyl	benzoyl	2-carbamoyl	H
methylamino	methyl	methoxycarbonyl	3-carbamoyl	H
methylamino	methyl	ethoxycarbonyl	4-carbamoyl	H
methylamino	methyl	2-methoxyethyl	2-dimethylcarbamoyl	H
methylamino	methyl	ethyl	3-dimethylcarbamoyl	H
methylamino	methyl	propyl	4-dimethylcarbamoyl	H
methylamino	methyl	benzoyl	2-methylcarbamoyl	H
methylamino	methyl	methoxycarbonyl	3-methylcarbamoyl	H

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【表276】

表1の続き

R ²	R ³	R ⁴	Y ¹	Y ²
methylamino	methyl	ethoxycarbonyl	4-methylcarbamoyl	H
methylamino	methyl	2-methoxyethyl	2-methoxycarbonyl	H
methylamino	methyl	ethyl	3-methoxycarbonyl	H
methylamino	methyl	propyl	4-methoxycarbonyl	H
methylamino	methyl	benzoyl	2-amino	H
methylamino	methyl	methoxycarbonyl	3-amino	H
methylamino	methyl	ethoxycarbonyl	4-amino	H
methylamino	methyl	2-methoxyethyl	2-dimethylamino	H
methylamino	methyl	ethyl	3-dimethylamino	H
methylamino	methyl	propyl	4-dimethylamino	H
methylamino	methyl	benzoyl	2-methylamino	H
methylamino	methyl	methoxycarbonyl	3-methylamino	H
methylamino	methyl	ethoxycarbonyl	4-methylamino	H
methylamino	methyl	2-methoxyethyl	2-trifluoromethyl	H
methylamino	methyl	ethyl	3-trifluoromethyl	H
methylamino	methyl	propyl	4-trifluoromethyl	H
methylamino	methyl	benzoyl	2-fluoromethyl	H
methylamino	methyl	methoxycarbonyl	3-fluoromethyl	H
methylamino	methyl	ethoxycarbonyl	4-fluoromethyl	H
methylamino	methyl	2-methoxyethyl	2-hydroxy	H
methylamino	methyl	ethyl	3-hydroxy	H
methylamino	methyl	propyl	4-hydroxy	H
methylamino	methyl	benzoyl	4-(4-fluorobenzoyl)	H
methylamino	methyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
methylamino	methyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
methylamino	methyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
methylamino	methyl	ethyl	3-(4-methylbenzoyl)	H
methylamino	methyl	propyl	2-(4-methylbenzoyl)	H
methylamino	methyl	benzoyl	4-chloroacetyl	H
methylamino	methyl	methoxycarbonyl	3-chloroacetyl	H
methylamino	methyl	ethoxycarbonyl	2-chloroacetyl	H
methylamino	methyl	2-methoxyethyl	4-ethoxycarbonyl	H
methylamino	methyl	ethyl	3-ethoxycarbonyl	H
methylamino	methyl	propyl	2-ethoxycarbonyl	H
methylamino	methyl	benzoyl	4-carboxy	H
methylamino	methyl	methoxycarbonyl	3-carboxy	H
methylamino	methyl	ethoxycarbonyl	2-carboxy	H
methylamino	methyl	2-methoxyethyl	4-chloromethoxy	H
methylamino	methyl	ethyl	3-chloromethoxy	H
methylamino	methyl	propyl	2-chloromethoxy	H

続く

【表277】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	benzoyl	2-chloro	H
methylamino	ethyl	methoxycarbonyl	3-chloro	H
methylamino	ethyl	ethoxycarbonyl	4-chloro	H
methylamino	ethyl	2-methoxyethyl	2-fluoro	H
methylamino	ethyl	ethyl	3-fluoro	H
methylamino	ethyl	propyl	4-fluoro	H
methylamino	ethyl	benzoyl	2-bromo	H
methylamino	ethyl	methoxycarbonyl	3-bromo	H
methylamino	ethyl	ethoxycarbonyl	4-bromo	H
methylamino	ethyl	2-methoxyethyl	2-nitro	H
methylamino	ethyl	ethyl	3-nitro	H
methylamino	ethyl	propyl	4-nitro	H
methylamino	ethyl	benzoyl	2-methoxy	H
methylamino	ethyl	methoxycarbonyl	3-methoxy	H
methylamino	ethyl	ethoxycarbonyl	4-methoxy	H
methylamino	ethyl	2-methoxyethyl	2-chloro	4-chloro
methylamino	ethyl	ethyl	3-chloro	4-chloro
methylamino	ethyl	propyl	2-fluoro	4-fluoro
methylamino	ethyl	benzoyl	3-fluoro	4-fluoro
methylamino	ethyl	methoxycarbonyl	2-bromo	4-bromo
methylamino	ethyl	ethoxycarbonyl	3-bromo	4-bromo
methylamino	ethyl	2-methoxyethyl	2-methoxy	4-methoxy
methylamino	ethyl	ethyl	3-methoxy	4-methoxy
methylamino	ethyl	propyl	2-acetyl	H
methylamino	ethyl	benzoyl	3-acetyl	H
methylamino	ethyl	methoxycarbonyl	4-acetyl	H
methylamino	ethyl	ethoxycarbonyl	2-benzoyl	H
methylamino	ethyl	2-methoxyethyl	3-benzoyl	H
methylamino	ethyl	ethyl	4-benzoyl	H
methylamino	ethyl	propyl	2-cyano	H
methylamino	ethyl	benzoyl	3-cyano	H
methylamino	ethyl	methoxycarbonyl	4-cyano	H
methylamino	ethyl	ethoxycarbonyl	2-carbamoyl	H
methylamino	ethyl	2-methoxyethyl	3-carbamoyl	H
methylamino	ethyl	ethyl	4-carbamoyl	H
methylamino	ethyl	propyl	2-dimethylcarbamoyl	H
methylamino	ethyl	benzoyl	3-dimethylcarbamoyl	H
methylamino	ethyl	methoxycarbonyl	4-dimethylcarbamoyl	H
methylamino	ethyl	ethoxycarbonyl	2-methylcarbamoyl	H
methylamino	ethyl	2-methoxyethyl	3-methylcarbamoyl	H

続く

[表278]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	ethyl	ethyl	4-methylcarbonyl	H
methylamino	ethyl	propyl	2-methoxycarbonyl	H
methylamino	ethyl	benzoyl	3-methoxycarbonyl	H
methylamino	ethyl	methoxycarbonyl	4-methoxycarbonyl	H
methylamino	ethyl	ethoxycarbonyl	2-amino	H
methylamino	ethyl	2-methoxyethyl	3-amino	H
methylamino	ethyl	ethyl	4-amino	H
methylamino	ethyl	propyl	2-dimethylamino	H
methylamino	ethyl	benzoyl	3-dimethylamino	H
methylamino	ethyl	methoxycarbonyl	4-dimethylamino	H
methylamino	ethyl	ethoxycarbonyl	2-methylamino	H
methylamino	ethyl	2-methoxyethyl	3-methylamino	H
methylamino	ethyl	ethyl	4-methylamino	H
methylamino	ethyl	propyl	2-trifluoromethyl	H
methylamino	ethyl	benzoyl	3-trifluoromethyl	H
methylamino	ethyl	methoxycarbonyl	4-trifluoromethyl	H
methylamino	ethyl	ethoxycarbonyl	2-fluoromethyl	H
methylamino	ethyl	2-methoxyethyl	3-fluoromethyl	H
methylamino	ethyl	ethyl	4-fluoromethyl	H
methylamino	ethyl	propyl	2-hydroxy	H
methylamino	ethyl	benzoyl	3-hydroxy	H
methylamino	ethyl	methoxycarbonyl	4-hydroxy	H
methylamino	ethyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
methylamino	ethyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
methylamino	ethyl	ethyl	2-(4-fluorobenzoyl)	H
methylamino	ethyl	propyl	4-(4-methylbenzoyl)	H
methylamino	ethyl	benzoyl	3-(4-methylbenzoyl)	H
methylamino	ethyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
methylamino	ethyl	ethoxycarbonyl	4-chloroacetyl	H
methylamino	ethyl	2-methoxyethyl	3-chloroacetyl	H
methylamino	ethyl	ethyl	2-chloroacetyl	H
methylamino	ethyl	propyl	4-ethoxycarbonyl	H
methylamino	ethyl	benzoyl	3-ethoxycarbonyl	H
methylamino	ethyl	methoxycarbonyl	2-ethoxycarbonyl	H
methylamino	ethyl	ethoxycarbonyl	4-carboxy	H
methylamino	ethyl	2-methoxyethyl	3-carboxy	H
methylamino	ethyl	ethyl	2-carboxy	H
methylamino	ethyl	propyl	4-chloromethoxy	H
methylamino	ethyl	benzoyl	3-chloromethoxy	H
methylamino	ethyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表279】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	ethoxycarbonyl	2-chloro	H
methylamino	propyl	2-methoxyethyl	3-chloro	H
methylamino	propyl	ethyl	4-chloro	H
methylamino	propyl	propyl	2-fluoro	H
methylamino	propyl	benzoyl	3-fluoro	H
methylamino	propyl	methoxycarbonyl	4-fluoro	H
methylamino	propyl	ethoxycarbonyl	2-bromo	H
methylamino	propyl	2-methoxyethyl	3-bromo	H
methylamino	propyl	ethyl	4-bromo	H
methylamino	propyl	propyl	2-nitro	H
methylamino	propyl	benzoyl	3-nitro	H
methylamino	propyl	methoxycarbonyl	4-nitro	H
methylamino	propyl	ethoxycarbonyl	2-methoxy	H
methylamino	propyl	2-methoxyethyl	3-methoxy	H
methylamino	propyl	ethyl	4-methoxy	H
methylamino	propyl	propyl	2-chloro	4-chloro
methylamino	propyl	benzoyl	3-chloro	4-chloro
methylamino	propyl	methoxycarbonyl	2-fluoro	4-fluoro
methylamino	propyl	ethoxycarbonyl	3-fluoro	4-fluoro
methylamino	propyl	2-methoxyethyl	2-bromo	4-bromo
methylamino	propyl	ethyl	3-bromo	4-bromo
methylamino	propyl	propyl	2-methoxy	4-methoxy
methylamino	propyl	benzoyl	3-methoxy	4-methoxy
methylamino	propyl	methoxycarbonyl	2-acetyl	H
methylamino	propyl	ethoxycarbonyl	3-acetyl	H
methylamino	propyl	2-methoxyethyl	4-acetyl	H
methylamino	propyl	ethyl	2-benzoyl	H
methylamino	propyl	propyl	3-benzoyl	H
methylamino	propyl	benzoyl	4-benzoyl	H
methylamino	propyl	methoxycarbonyl	2-cyano	H
methylamino	propyl	ethoxycarbonyl	3-cyano	H
methylamino	propyl	2-methoxyethyl	4-cyano	H
methylamino	propyl	ethyl	2-carbamoyl	H
methylamino	propyl	propyl	3-carbamoyl	H
methylamino	propyl	benzoyl	4-carbamoyl	H
methylamino	propyl	methoxycarbonyl	2-dimethylcarbamoyl	H
methylamino	propyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
methylamino	propyl	2-methoxyethyl	4-dimethylcarbamoyl	H
methylamino	propyl	ethyl	2-methylcarbamoyl	H
methylamino	propyl	propyl	3-methylcarbamoyl	H

続く

【表280】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	propyl	benzoyl	4-methylcarbonyl	H
methylamino	propyl	methoxycarbonyl	2-methoxycarbonyl	H
methylamino	propyl	ethoxycarbonyl	3-methoxycarbonyl	H
methylamino	propyl	2-methoxyethyl	4-methoxycarbonyl	H
methylamino	propyl	ethyl	2-amino	H
methylamino	propyl	propyl	3-amino	H
methylamino	propyl	benzoyl	4-amino	H
methylamino	propyl	methoxycarbonyl	2-dimethylamino	H
methylamino	propyl	ethoxycarbonyl	3-dimethylamino	H
methylamino	propyl	2-methoxyethyl	4-dimethylamino	H
methylamino	propyl	ethyl	2-methylamino	H
methylamino	propyl	propyl	3-methylamino	H
methylamino	propyl	benzoyl	4-methylamino	H
methylamino	propyl	methoxycarbonyl	2-trifluoromethyl	H
methylamino	propyl	ethoxycarbonyl	3-trifluoromethyl	H
methylamino	propyl	2-methoxyethyl	4-trifluoromethyl	H
methylamino	propyl	ethyl	2-fluoromethyl	H
methylamino	propyl	propyl	3-fluoromethyl	H
methylamino	propyl	benzoyl	4-fluoromethyl	H
methylamino	propyl	methoxycarbonyl	2-hydroxy	H
methylamino	propyl	ethoxycarbonyl	3-hydroxy	H
methylamino	propyl	2-methoxyethyl	4-hydroxy	H
methylamino	propyl	ethyl	4-(4-fluorobenzoyl)	H
methylamino	propyl	propyl	3-(4-fluorobenzoyl)	H
methylamino	propyl	benzoyl	2-(4-fluorobenzoyl)	H
methylamino	propyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
methylamino	propyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
methylamino	propyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
methylamino	propyl	ethyl	4-chloroacetyl	H
methylamino	propyl	propyl	3-chloroacetyl	H
methylamino	propyl	benzoyl	2-chloroacetyl	H
methylamino	propyl	methoxycarbonyl	4-ethoxycarbonyl	H
methylamino	propyl	ethoxycarbonyl	3-ethoxycarbonyl	H
methylamino	propyl	2-methoxyethyl	2-ethoxycarbonyl	H
methylamino	propyl	ethyl	4-carboxy	H
methylamino	propyl	propyl	3-carboxy	H
methylamino	propyl	benzoyl	2-carboxy	H
methylamino	propyl	methoxycarbonyl	4-chloromethoxy	H
methylamino	propyl	ethoxycarbonyl	3-chloromethoxy	H
methylamino	propyl	2-methoxyethyl	2-chloromethoxy	H

続<

【0075】

【表281】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	ethyl	2-chloro	H
methylamino	butyl	propyl	3-chloro	H
methylamino	butyl	benzoyl	4-chloro	H
methylamino	butyl	methoxycarbonyl	2-fluoro	H
methylamino	butyl	ethoxycarbonyl	3-fluoro	H
methylamino	butyl	2-methoxyethyl	4-fluoro	H
methylamino	butyl	ethyl	2-bromo	H
methylamino	butyl	propyl	3-bromo	H
methylamino	butyl	benzoyl	4-bromo	H
methylamino	butyl	methoxycarbonyl	2-nitro	H
methylamino	butyl	ethoxycarbonyl	3-nitro	H
methylamino	butyl	2-methoxyethyl	4-nitro	H
methylamino	butyl	ethyl	2-methoxy	H
methylamino	butyl	propyl	3-methoxy	H
methylamino	butyl	benzoyl	4-methoxy	H
methylamino	butyl	methoxycarbonyl	2-chloro	4-chloro
methylamino	butyl	ethoxycarbonyl	3-chloro	4-chloro
methylamino	butyl	2-methoxyethyl	2-fluoro	4-fluoro
methylamino	butyl	ethyl	3-fluoro	4-fluoro
methylamino	butyl	propyl	2-bromo	4-bromo
methylamino	butyl	benzoyl	3-bromo	4-bromo
methylamino	butyl	methoxycarbonyl	2-methoxy	4-methoxy
methylamino	butyl	ethoxycarbonyl	3-methoxy	4-methoxy
methylamino	butyl	2-methoxyethyl	2-acetyl	H
methylamino	butyl	ethyl	3-acetyl	H
methylamino	butyl	propyl	4-acetyl	H
methylamino	butyl	benzoyl	2-benzoyl	H
methylamino	butyl	methoxycarbonyl	3-benzoyl	H
methylamino	butyl	ethoxycarbonyl	4-benzoyl	H
methylamino	butyl	2-methoxyethyl	2-cyano	H
methylamino	butyl	ethyl	3-cyano	H
methylamino	butyl	propyl	4-cyano	H
methylamino	butyl	benzoyl	2-carbamoyl	H
methylamino	butyl	methoxycarbonyl	3-carbamoyl	H
methylamino	butyl	ethoxycarbonyl	4-carbamoyl	H
methylamino	butyl	2-methoxyethyl	2-dimethylcarbamoyl	H
methylamino	butyl	ethyl	3-dimethylcarbamoyl	H
methylamino	butyl	propyl	4-dimethylcarbamoyl	H
methylamino	butyl	benzoyl	2-methylcarbamoyl	H
methylamino	butyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【表282】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	butyl	ethoxycarbonyl	4-methylcarbonyl	H
methylamino	butyl	2-methoxyethyl	2-methoxycarbonyl	H
methylamino	butyl	ethyl	3-methoxycarbonyl	H
methylamino	butyl	propyl	4-methoxycarbonyl	H
methylamino	butyl	benzoyl	2-amino	H
methylamino	butyl	methoxycarbonyl	3-amino	H
methylamino	butyl	ethoxycarbonyl	4-amino	H
methylamino	butyl	2-methoxyethyl	2-dimethylamino	H
methylamino	butyl	ethyl	3-dimethylamino	H
methylamino	butyl	propyl	4-dimethylamino	H
methylamino	butyl	benzoyl	2-methylamino	H
methylamino	butyl	methoxycarbonyl	3-methylamino	H
methylamino	butyl	ethoxycarbonyl	4-methylamino	H
methylamino	butyl	2-methoxyethyl	2-trifluoromethyl	H
methylamino	butyl	ethyl	3-trifluoromethyl	H
methylamino	butyl	propyl	4-trifluoromethyl	H
methylamino	butyl	benzoyl	2-fluoromethyl	H
methylamino	butyl	methoxycarbonyl	3-fluoromethyl	H
methylamino	butyl	ethoxycarbonyl	4-fluoromethyl	H
methylamino	butyl	2-methoxyethyl	2-hydroxy	H
methylamino	butyl	ethyl	3-hydroxy	H
methylamino	butyl	propyl	4-hydroxy	H
methylamino	butyl	benzoyl	4-(4-fluorobenzoyl)	H
methylamino	butyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
methylamino	butyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
methylamino	butyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
methylamino	butyl	ethyl	3-(4-methylbenzoyl)	H
methylamino	butyl	propyl	2-(4-methylbenzoyl)	H
methylamino	butyl	benzoyl	4-chloroacetyl	H
methylamino	butyl	methoxycarbonyl	3-chloroacetyl	H
methylamino	butyl	ethoxycarbonyl	2-chloroacetyl	H
methylamino	butyl	2-methoxyethyl	4-ethoxycarbonyl	H
methylamino	butyl	ethyl	3-ethoxycarbonyl	H
methylamino	butyl	propyl	2-ethoxycarbonyl	H
methylamino	butyl	benzoyl	4-carboxy	H
methylamino	butyl	methoxycarbonyl	3-carboxy	H
methylamino	butyl	ethoxycarbonyl	2-carboxy	H
methylamino	butyl	2-methoxyethyl	4-chloromethoxy	H
methylamino	butyl	ethyl	3-chloromethoxy	H
methylamino	butyl	propyl	2-chloromethoxy	H

続く

【表283】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	benzoyl	2-chloro	H
methylamino	benzyl	methoxycarbonyl	3-chloro	H
methylamino	benzyl	ethoxycarbonyl	4-chloro	H
methylamino	benzyl	2-methoxyethyl	2-fluoro	H
methylamino	benzyl	ethyl	3-fluoro	H
methylamino	benzyl	propyl	4-fluoro	H
methylamino	benzyl	benzoyl	2-bromo	H
methylamino	benzyl	methoxycarbonyl	3-bromo	H
methylamino	benzyl	ethoxycarbonyl	4-bromo	H
methylamino	benzyl	2-methoxyethyl	2-nitro	H
methylamino	benzyl	ethyl	3-nitro	H
methylamino	benzyl	propyl	4-nitro	H
methylamino	benzyl	benzoyl	2-methoxy	H
methylamino	benzyl	methoxycarbonyl	3-methoxy	H
methylamino	benzyl	ethoxycarbonyl	4-methoxy	H
methylamino	benzyl	2-methoxyethyl	2-chloro	4-chloro
methylamino	benzyl	ethyl	3-chloro	4-chloro
methylamino	benzyl	propyl	2-fluoro	4-fluoro
methylamino	benzyl	benzoyl	3-fluoro	4-fluoro
methylamino	benzyl	methoxycarbonyl	2-bromo	4-bromo
methylamino	benzyl	ethoxycarbonyl	3-bromo	4-bromo
methylamino	benzyl	2-methoxyethyl	2-methoxy	4-methoxy
methylamino	benzyl	ethyl	3-methoxy	4-methoxy
methylamino	benzyl	propyl	2-acetyl	H
methylamino	benzyl	benzoyl	3-acetyl	H
methylamino	benzyl	methoxycarbonyl	4-acetyl	H
methylamino	benzyl	ethoxycarbonyl	2-benzoyl	H
methylamino	benzyl	2-methoxyethyl	3-benzoyl	H
methylamino	benzyl	ethyl	4-benzoyl	H
methylamino	benzyl	propyl	2-cyano	H
methylamino	benzyl	benzoyl	3-cyano	H
methylamino	benzyl	methoxycarbonyl	4-cyano	H
methylamino	benzyl	ethoxycarbonyl	2-carbamoyl	H
methylamino	benzyl	2-methoxyethyl	3-carbamoyl	H
methylamino	benzyl	ethyl	4-carbamoyl	H
methylamino	benzyl	propyl	2-dimethylcarbamoyl	H
methylamino	benzyl	benzoyl	3-dimethylcarbamoyl	H
methylamino	benzyl	methoxycarbonyl	4-dimethylcarbamoyl	H
methylamino	benzyl	ethoxycarbonyl	2-methylcarbamoyl	H
methylamino	benzyl	2-methoxyethyl	3-methylcarbamoyl	H

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【表284】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	benzyl	ethyl	4-methylcarbamoyl	H
methylamino	benzyl	propyl	2-methoxycarbonyl	H
methylamino	benzyl	benzoyl	3-methoxycarbonyl	H
methylamino	benzyl	methoxycarbonyl	4-methoxycarbonyl	H
methylamino	benzyl	ethoxycarbonyl	2-amino	H
methylamino	benzyl	2-methoxyethyl	3-amino	H
methylamino	benzyl	ethyl	4-amino	H
methylamino	benzyl	propyl	2-dimethylamino	H
methylamino	benzyl	benzoyl	3-dimethylamino	H
methylamino	benzyl	methoxycarbonyl	4-dimethylamino	H
methylamino	benzyl	ethoxycarbonyl	2-methylamino	H
methylamino	benzyl	2-methoxyethyl	3-methylamino	H
methylamino	benzyl	ethyl	4-methylamino	H
methylamino	benzyl	propyl	2-trifluoromethyl	H
methylamino	benzyl	benzoyl	3-trifluoromethyl	H
methylamino	benzyl	methoxycarbonyl	4-trifluoromethyl	H
methylamino	benzyl	ethoxycarbonyl	2-fluoromethyl	H
methylamino	benzyl	2-methoxyethyl	3-fluoromethyl	H
methylamino	benzyl	ethyl	4-fluoromethyl	H
methylamino	benzyl	propyl	2-hydroxy	H
methylamino	benzyl	benzoyl	3-hydroxy	H
methylamino	benzyl	methoxycarbonyl	4-hydroxy	H
methylamino	benzyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
methylamino	benzyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
methylamino	benzyl	ethyl	2-(4-fluorobenzoyl)	H
methylamino	benzyl	propyl	4-(4-methylbenzoyl)	H
methylamino	benzyl	benzoyl	3-(4-methylbenzoyl)	H
methylamino	benzyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
methylamino	benzyl	ethoxycarbonyl	4-chloroacetyl	H
methylamino	benzyl	2-methoxyethyl	3-chloroacetyl	H
methylamino	benzyl	ethyl	2-chloroacetyl	H
methylamino	benzyl	propyl	4-ethoxycarbonyl	H
methylamino	benzyl	benzoyl	3-ethoxycarbonyl	H
methylamino	benzyl	methoxycarbonyl	2-ethoxycarbonyl	H
methylamino	benzyl	ethoxycarbonyl	4-carboxy	H
methylamino	benzyl	2-methoxyethyl	3-carboxy	H
methylamino	benzyl	ethyl	2-carboxy	H
methylamino	benzyl	propyl	4-chloromethoxy	H
methylamino	benzyl	benzoyl	3-chloromethoxy	H
methylamino	benzyl	methoxycarbonyl	2-chloromethoxy	H

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【表285】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloro	H
methylamino	cyclohexylmethyl	2-methoxyethyl	3-chloro	H
methylamino	cyclohexylmethyl	ethyl	4-chloro	H
methylamino	cyclohexylmethyl	propyl	2-fluoro	H
methylamino	cyclohexylmethyl	benzoyl	3-fluoro	H
methylamino	cyclohexylmethyl	methoxycarbonyl	4-fluoro	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	2-bromo	H
methylamino	cyclohexylmethyl	2-methoxyethyl	3-bromo	H
methylamino	cyclohexylmethyl	ethyl	4-bromo	H
methylamino	cyclohexylmethyl	propyl	2-nitro	H
methylamino	cyclohexylmethyl	benzoyl	3-nitro	H
methylamino	cyclohexylmethyl	methoxycarbonyl	4-nitro	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	2-methoxy	H
methylamino	cyclohexylmethyl	2-methoxyethyl	3-methoxy	H
methylamino	cyclohexylmethyl	ethyl	4-methoxy	H
methylamino	cyclohexylmethyl	propyl	2-chloro	4-chloro
methylamino	cyclohexylmethyl	benzoyl	3-chloro	4-chloro
methylamino	cyclohexylmethyl	methoxycarbonyl	2-fluoro	4-fluoro
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-fluoro	4-fluoro
methylamino	cyclohexylmethyl	2-methoxyethyl	2-bromo	4-bromo
methylamino	cyclohexylmethyl	ethyl	3-bromo	4-bromo
methylamino	cyclohexylmethyl	propyl	2-methoxy	4-methoxy
methylamino	cyclohexylmethyl	benzoyl	3-methoxy	4-methoxy
methylamino	cyclohexylmethyl	methoxycarbonyl	2-acetyl	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-acetyl	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-acetyl	H
methylamino	cyclohexylmethyl	ethyl	2-benzoyl	H
methylamino	cyclohexylmethyl	propyl	3-benzoyl	H
methylamino	cyclohexylmethyl	benzoyl	4-benzoyl	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-cyano	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-cyano	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-cyano	H
methylamino	cyclohexylmethyl	ethyl	2-carbamoyl	H
methylamino	cyclohexylmethyl	propyl	3-carbamoyl	H
methylamino	cyclohexylmethyl	benzoyl	4-carbamoyl	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-dimethylcarbamoyl	H
methylamino	cyclohexylmethyl	ethyl	2-methylcarbamoyl	H
methylamino	cyclohexylmethyl	propyl	3-methylcarbamoyl	H

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【表286】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
methylamino	cyclohexylmethyl	benzoyl	4-methylcarbamoyl	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-methoxycarbonyl	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-methoxycarbonyl	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-methoxycarbonyl	H
methylamino	cyclohexylmethyl	ethyl	2-amino	H
methylamino	cyclohexylmethyl	propyl	3-amino	H
methylamino	cyclohexylmethyl	benzoyl	4-amino	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-dimethylamino	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylamino	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-dimethylamino	H
methylamino	cyclohexylmethyl	ethyl	2-methylamino	H
methylamino	cyclohexylmethyl	propyl	3-methylamino	H
methylamino	cyclohexylmethyl	benzoyl	4-methylamino	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-trifluoromethyl	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-trifluoromethyl	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-trifluoromethyl	H
methylamino	cyclohexylmethyl	ethyl	2-fluoromethyl	H
methylamino	cyclohexylmethyl	propyl	3-fluoromethyl	H
methylamino	cyclohexylmethyl	benzoyl	4-fluoromethyl	H
methylamino	cyclohexylmethyl	methoxycarbonyl	2-hydroxy	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-hydroxy	H
methylamino	cyclohexylmethyl	2-methoxyethyl	4-hydroxy	H
methylamino	cyclohexylmethyl	ethyl	4-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	propyl	3-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	benzoyl	2-(4-fluorobenzoyl)	H
methylamino	cyclohexylmethyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
methylamino	cyclohexylmethyl	ethyl	4-chloroacetyl	H
methylamino	cyclohexylmethyl	propyl	3-chloroacetyl	H
methylamino	cyclohexylmethyl	benzoyl	2-chloroacetyl	H
methylamino	cyclohexylmethyl	methoxycarbonyl	4-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	2-methoxyethyl	2-ethoxycarbonyl	H
methylamino	cyclohexylmethyl	ethyl	4-carboxy	H
methylamino	cyclohexylmethyl	propyl	3-carboxy	H
methylamino	cyclohexylmethyl	benzoyl	2-carboxy	H
methylamino	cyclohexylmethyl	methoxycarbonyl	4-chloromethoxy	H
methylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloromethoxy	H
methylamino	cyclohexylmethyl	2-methoxyethyl	2-chloromethoxy	H

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【表287】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	H	ethyl	H	H
dimethylamino	methyl	propyl	H	H
dimethylamino	ethyl	benzoyl	H	H
dimethylamino	propyl	methoxycarbonyl	H	H
dimethylamino	methylethyl	ethoxycarbonyl	H	H
dimethylamino	butyl	2-methoxyethyl	H	H
dimethylamino	1-methylpropyl	ethyl	H	H
dimethylamino	2-methylpropyl	propyl	H	H
dimethylamino	dimethylethyl	benzoyl	H	H
dimethylamino	pentyl	methoxycarbonyl	H	H
dimethylamino	1-methylbutyl	ethoxycarbonyl	H	H
dimethylamino	2-methylbutyl	2-methoxyethyl	H	H
dimethylamino	1,1-dimethylpropyl	ethyl	H	H
dimethylamino	1,2-dimethylpropyl	propyl	H	H
dimethylamino	2,2-dimethylpropyl	benzoyl	H	H
dimethylamino	hexyl	methoxycarbonyl	H	H
dimethylamino	1-methylpentyl	ethoxycarbonyl	H	H
dimethylamino	2-methylpentyl	2-methoxyethyl	H	H
dimethylamino	3-methylpentyl	ethyl	H	H
dimethylamino	4-methylpentyl	propyl	H	H
dimethylamino	1,1-dimethylbutyl	benzoyl	H	H
dimethylamino	1,2-dimethylbutyl	methoxycarbonyl	H	H
dimethylamino	1,3-dimethylbutyl	ethoxycarbonyl	H	H
dimethylamino	2,2-dimethylbutyl	2-methoxyethyl	H	H
dimethylamino	2,3-dimethylbutyl	ethyl	H	H
dimethylamino	3,3-dimethylbutyl	propyl	H	H
dimethylamino	1-ethylbutyl	benzoyl	H	H
dimethylamino	2-ethylbutyl	methoxycarbonyl	H	H
dimethylamino	1,1,2-trimethylpropyl	ethoxycarbonyl	H	H
dimethylamino	heptyl	2-methoxyethyl	H	H
dimethylamino	cyclopropyl	ethyl	H	H
dimethylamino	cyclopentyl	propyl	H	H
dimethylamino	cyclohexyl	benzoyl	H	H
dimethylamino	cycloheptyl	methoxycarbonyl	H	H
dimethylamino	cyclopropylmethyl	ethoxycarbonyl	H	H
dimethylamino	cyclopentylmethyl	2-methoxyethyl	H	H
dimethylamino	cyclohexylmethyl	ethyl	H	H
dimethylamino	cycloheptylmethyl	propyl	H	H
dimethylamino	2-methoxyethyl	benzoyl	H	H
dimethylamino	3-methoxypropyl	methoxycarbonyl	H	H

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【表288】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	4-methoxybutyl	ethoxycarbonyl	H	H
dimethylamino	5-methoxypentyl	methoxycarbonyl	H	H
dimethylamino	5-ethoxypentyl	2-methoxyethyl	H	H
dimethylamino	2-ethoxyethyl	ethyl	H	H
dimethylamino	3-ethoxypropyl	propyl	H	H
dimethylamino	4-ethoxybutyl	benzoyl	H	H
dimethylamino	2-carboxyethyl	methoxycarbonyl	H	H
dimethylamino	3-carboxypropyl	ethoxycarbonyl	H	H
dimethylamino	4-carboxybutyl	2-methoxyethyl	H	H
dimethylamino	5-carboxypentyl	ethyl	H	H
dimethylamino	2-hydroxyethyl	propyl	H	H
dimethylamino	3-hydroxypropyl	benzoyl	H	H
dimethylamino	4-hydroxybutyl	methoxycarbonyl	H	H
dimethylamino	5-hydroxypentyl	ethoxycarbonyl	H	H
dimethylamino	2-methoxycarbonyl-ethyl	2-methoxyethyl	H	H
dimethylamino	3-methoxycarbonyl-propyl	ethyl	H	H
dimethylamino	4-methoxycarbonyl-butyl	propyl	H	H
dimethylamino	5-methoxycarbonyl-pentyl	benzoyl	H	H
dimethylamino	2-aminoethyl	methoxycarbonyl	H	H
dimethylamino	3-aminopropyl	ethoxycarbonyl	H	H
dimethylamino	4-aminobutyl	2-methoxyethyl	H	H
dimethylamino	5-aminopentyl	ethyl	H	H
dimethylamino	6-aminohexyl	propyl	H	H
dimethylamino	2-chloroethyl	benzoyl	H	H
dimethylamino	3-chloropropyl	methoxycarbonyl	H	H
dimethylamino	4-chlorobutyl	ethoxycarbonyl	H	H
dimethylamino	5-chloropentyl	2-methoxyethyl	H	H
dimethylamino	6-chlorohexyl	ethyl	H	H
dimethylamino	2-fluoroethyl	propyl	H	H
dimethylamino	3-fluoropropyl	benzoyl	H	H
dimethylamino	4-fluorobutyl	methoxycarbonyl	H	H
dimethylamino	5-fluoropentyl	ethoxycarbonyl	H	H
dimethylamino	6-fluorohexyl	2-methoxyethyl	H	H
dimethylamino	2-carbamoyl-ethyl	ethyl	H	H
dimethylamino	3-carbamoyl-propyl	propyl	H	H
dimethylamino	4-carbamoyl-butyl	benzoyl	H	H
dimethylamino	5-carbamoyl-pentyl	methoxycarbonyl	H	H
dimethylamino	6-carbamoyl-hexyl	ethoxycarbonyl	H	H
dimethylamino	3-methylcarbamoyl-propyl	2-methoxyethyl	H	H
dimethylamino	4-methylcarbamoyl-butyl	ethyl	H	H
dimethylamino	5-methylcarbamoyl-pentyl	propyl	H	H

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[表289]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	benzoyl	H	H
dimethylamino	2-phenylethyl	methoxycarbonyl	H	H
dimethylamino	4-fluorobenzyl	ethoxycarbonyl	H	H
dimethylamino	3-fluorobenzyl	2-methoxyethyl	H	H
dimethylamino	4-chlorobenzyl	ethyl	H	H
dimethylamino	3-chlorobenzyl	propyl	H	H
dimethylamino	4-methoxybenzyl	benzoyl	H	H
dimethylamino	3-methoxybenzyl	methoxycarbonyl	H	H
dimethylamino	4-hydroxybenzyl	ethoxycarbonyl	H	H
dimethylamino	3-hydroxybenzyl	2-methoxyethyl	H	H
dimethylamino	4-methylbenzyl	ethyl	H	H
dimethylamino	3-methylbenzyl	propyl	H	H
dimethylamino	4-aminobenzyl	benzoyl	H	H
dimethylamino	3-aminobenzyl	methoxycarbonyl	H	H
dimethylamino	4-dimethylaminobenzyl	ethoxycarbonyl	H	H
dimethylamino	3-dimethylaminobenzyl	2-methoxyethyl	H	H
dimethylamino	4-carbamoylbenzyl	ethyl	H	H
dimethylamino	3-carbamoylbenzyl	propyl	H	H
dimethylamino	4-methylcarbamoylbenzyl	benzoyl	H	H
dimethylamino	3-methylcarbamoylbenzyl	methoxycarbonyl	H	H
dimethylamino	4-cyanobenzyl	ethoxycarbonyl	H	H
dimethylamino	4-phenoxybenzyl	2-methoxyethyl	H	H
dimethylamino	phenyl	ethyl	H	H
dimethylamino	4-fluorophenyl	propyl	H	H
dimethylamino	3-fluorophenyl	benzoyl	H	H
dimethylamino	4-chlorophenyl	methoxycarbonyl	H	H
dimethylamino	3-methoxyphenyl	ethoxycarbonyl	H	H
dimethylamino	3-hydroxyphenyl	2-methoxyethyl	H	H
dimethylamino	4-methylphenyl	ethyl	H	H
dimethylamino	3-methylphenyl	propyl	H	H
dimethylamino	4-aminophenyl	benzoyl	H	H
dimethylamino	3-aminophenyl	methoxycarbonyl	H	H
dimethylamino	3-dimethylaminophenyl	ethoxycarbonyl	H	H
dimethylamino	4-dimethylaminophenyl	2-methoxyethyl	H	H
dimethylamino	3-carbamoylphenyl	ethyl	H	H
dimethylamino	4-carbamoylphenyl	propyl	H	H
dimethylamino	3-cyanophenyl	benzoyl	H	H
dimethylamino	4-cyanophenyl	methoxycarbonyl	H	H
dimethylamino	3-phenoxyphenyl	ethoxycarbonyl	H	H
dimethylamino	4-phenoxyphenyl	2-methoxyethyl	H	H

続く

【表290】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	ethyl	2-chloro	H
dimethylamino	methyl	propyl	3-chloro	H
dimethylamino	methyl	benzoyl	4-chloro	H
dimethylamino	methyl	methoxycarbonyl	2-fluoro	H
dimethylamino	methyl	ethoxycarbonyl	3-fluoro	H
dimethylamino	methyl	2-methoxyethyl	4-fluoro	H
dimethylamino	methyl	ethyl	2-bromo	H
dimethylamino	methyl	propyl	3-bromo	H
dimethylamino	methyl	benzoyl	4-bromo	H
dimethylamino	methyl	methoxycarbonyl	2-nitro	H
dimethylamino	methyl	ethoxycarbonyl	3-nitro	H
dimethylamino	methyl	2-methoxyethyl	4-nitro	H
dimethylamino	methyl	ethyl	2-methoxy	H
dimethylamino	methyl	propyl	3-methoxy	H
dimethylamino	methyl	benzoyl	4-methoxy	H
dimethylamino	methyl	methoxycarbonyl	2-chloro	4-chloro
dimethylamino	methyl	ethoxycarbonyl	3-chloro	4-chloro
dimethylamino	methyl	2-methoxyethyl	2-fluoro	4-fluoro
dimethylamino	methyl	ethyl	3-fluoro	4-fluoro
dimethylamino	methyl	propyl	2-bromo	4-bromo
dimethylamino	methyl	benzoyl	3-bromo	4-bromo
dimethylamino	methyl	methoxycarbonyl	2-methoxy	4-methoxy
dimethylamino	methyl	ethoxycarbonyl	3-methoxy	4-methoxy
dimethylamino	methyl	2-methoxyethyl	2-acetyl	H
dimethylamino	methyl	ethyl	3-acetyl	H
dimethylamino	methyl	propyl	4-acetyl	H
dimethylamino	methyl	benzoyl	2-benzoyl	H
dimethylamino	methyl	methoxycarbonyl	3-benzoyl	H
dimethylamino	methyl	ethoxycarbonyl	4-benzoyl	H
dimethylamino	methyl	2-methoxyethyl	2-cyano	H
dimethylamino	methyl	ethyl	3-cyano	H
dimethylamino	methyl	propyl	4-cyano	H
dimethylamino	methyl	benzoyl	2-carbamoyl	H
dimethylamino	methyl	methoxycarbonyl	3-carbamoyl	H
dimethylamino	methyl	ethoxycarbonyl	4-carbamoyl	H
dimethylamino	methyl	2-methoxyethyl	2-dimethylcarbamoyl	H
dimethylamino	methyl	ethyl	3-dimethylcarbamoyl	H
dimethylamino	methyl	propyl	4-dimethylcarbamoyl	H
dimethylamino	methyl	benzoyl	2-methylcarbamoyl	H
dimethylamino	methyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【表 291】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	methyl	ethoxycarbonyl	4-methylcarbamoyl	H
dimethylamino	methyl	2-methoxyethyl	2-methoxycarbonyl	H
dimethylamino	methyl	ethyl	3-methoxycarbonyl	H
dimethylamino	methyl	propyl	4-methoxycarbonyl	H
dimethylamino	methyl	benzoyl	2-amino	H
dimethylamino	methyl	methoxycarbonyl	3-amino	H
dimethylamino	methyl	ethoxycarbonyl	4-amino	H
dimethylamino	methyl	2-methoxyethyl	2-methylamino	H
dimethylamino	methyl	ethyl	3-methylamino	H
dimethylamino	methyl	propyl	4-methylamino	H
dimethylamino	methyl	benzoyl	2-dimethylamino	H
dimethylamino	methyl	methoxycarbonyl	3-dimethylamino	H
dimethylamino	methyl	ethoxycarbonyl	4-dimethylamino	H
dimethylamino	methyl	2-methoxyethyl	2-trifluoromethyl	H
dimethylamino	methyl	ethyl	3-trifluoromethyl	H
dimethylamino	methyl	propyl	4-trifluoromethyl	H
dimethylamino	methyl	benzoyl	2-fluoromethyl	H
dimethylamino	methyl	methoxycarbonyl	3-fluoromethyl	H
dimethylamino	methyl	ethoxycarbonyl	4-fluoromethyl	H
dimethylamino	methyl	2-methoxyethyl	2-hydroxy	H
dimethylamino	methyl	ethyl	3-hydroxy	H
dimethylamino	methyl	propyl	4-hydroxy	H
dimethylamino	methyl	benzoyl	4-(4-fluorobenzoyl)	H
dimethylamino	methyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
dimethylamino	methyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
dimethylamino	methyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
dimethylamino	methyl	ethyl	3-(4-methylbenzoyl)	H
dimethylamino	methyl	propyl	2-(4-methylbenzoyl)	H
dimethylamino	methyl	benzoyl	4-chloroacetyl	H
dimethylamino	methyl	methoxycarbonyl	3-chloroacetyl	H
dimethylamino	methyl	ethoxycarbonyl	2-chloroacetyl	H
dimethylamino	methyl	2-methoxyethyl	4-ethoxycarbonyl	H
dimethylamino	methyl	ethyl	3-ethoxycarbonyl	H
dimethylamino	methyl	propyl	2-ethoxycarbonyl	H
dimethylamino	methyl	benzoyl	4-carboxy	H
dimethylamino	methyl	methoxycarbonyl	3-carboxy	H
dimethylamino	methyl	ethoxycarbonyl	2-carboxy	H
dimethylamino	methyl	2-methoxyethyl	4-chloromethoxy	H
dimethylamino	methyl	ethyl	3-chloromethoxy	H
dimethylamino	methyl	propyl	2-chloromethoxy	H

続<

〔表292〕

表1の続き

R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	benzoyl	2-chloro
dimethylamino	ethyl	methoxycarbonyl	3-chloro
dimethylamino	ethyl	ethoxycarbonyl	4-chloro
dimethylamino	ethyl	2-methoxyethyl	2-fluoro
dimethylamino	ethyl	ethyl	3-fluoro
dimethylamino	ethyl	propyl	4-fluoro
dimethylamino	ethyl	benzoyl	2-bromo
dimethylamino	ethyl	methoxycarbonyl	3-bromo
dimethylamino	ethyl	ethoxycarbonyl	4-bromo
dimethylamino	ethyl	2-methoxyethyl	2-nitro
dimethylamino	ethyl	ethyl	3-nitro
dimethylamino	ethyl	propyl	4-nitro
dimethylamino	ethyl	benzoyl	2-methoxy
dimethylamino	ethyl	methoxycarbonyl	3-methoxy
dimethylamino	ethyl	ethoxycarbonyl	4-methoxy
dimethylamino	ethyl	2-methoxyethyl	2-chloro
dimethylamino	ethyl	ethyl	3-chloro
dimethylamino	ethyl	propyl	2-fluoro
dimethylamino	ethyl	benzoyl	3-fluoro
dimethylamino	ethyl	methoxycarbonyl	2-bromo
dimethylamino	ethyl	ethoxycarbonyl	3-bromo
dimethylamino	ethyl	2-methoxyethyl	2-methoxy
dimethylamino	ethyl	ethyl	3-methoxy
dimethylamino	ethyl	propyl	2-acetyl
dimethylamino	ethyl	benzoyl	3-acetyl
dimethylamino	ethyl	methoxycarbonyl	4-acetyl
dimethylamino	ethyl	ethoxycarbonyl	2-benzoyl
dimethylamino	ethyl	2-methoxyethyl	3-benzoyl
dimethylamino	ethyl	ethyl	4-benzoyl
dimethylamino	ethyl	propyl	2-cyano
dimethylamino	ethyl	benzoyl	3-cyano
dimethylamino	ethyl	methoxycarbonyl	4-cyano
dimethylamino	ethyl	ethoxycarbonyl	2-carbamoyl
dimethylamino	ethyl	2-methoxyethyl	3-carbamoyl
dimethylamino	ethyl	ethyl	4-carbamoyl
dimethylamino	ethyl	propyl	2-dimethylcarbamoyl
dimethylamino	ethyl	benzoyl	3-dimethylcarbamoyl
dimethylamino	ethyl	methoxycarbonyl	4-dimethylcarbamoyl
dimethylamino	ethyl	ethoxycarbonyl	2-methylcarbamoyl
dimethylamino	ethyl	2-methoxyethyl	3-methylcarbamoyl

続<

【表293】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	ethyl	ethyl	4-methylcarbamoyl	H
dimethylamino	ethyl	propyl	2-methoxycarbonyl	H
dimethylamino	ethyl	benzoyl	3-methoxycarbonyl	H
dimethylamino	ethyl	methoxycarbonyl	4-methoxycarbonyl	H
dimethylamino	ethyl	ethoxycarbonyl	2-amino	H
dimethylamino	ethyl	2-methoxyethyl	3-amino	H
dimethylamino	ethyl	ethyl	4-amino	H
dimethylamino	ethyl	propyl	2-methylamino	H
dimethylamino	ethyl	benzoyl	3-methylamino	H
dimethylamino	ethyl	methoxycarbonyl	4-methylamino	H
dimethylamino	ethyl	ethoxycarbonyl	2-dimethylamino	H
dimethylamino	ethyl	2-methoxyethyl	3-dimethylamino	H
dimethylamino	ethyl	ethyl	4-dimethylamino	H
dimethylamino	ethyl	propyl	2-trifluoromethyl	H
dimethylamino	ethyl	benzoyl	3-trifluoromethyl	H
dimethylamino	ethyl	methoxycarbonyl	4-trifluoromethyl	H
dimethylamino	ethyl	ethoxycarbonyl	2-fluoromethyl	H
dimethylamino	ethyl	2-methoxyethyl	3-fluoromethyl	H
dimethylamino	ethyl	ethyl	4-fluoromethyl	H
dimethylamino	ethyl	propyl	2-hydroxy	H
dimethylamino	ethyl	benzoyl	3-hydroxy	H
dimethylamino	ethyl	methoxycarbonyl	4-hydroxy	H
dimethylamino	ethyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
dimethylamino	ethyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
dimethylamino	ethyl	ethyl	2-(4-fluorobenzoyl)	H
dimethylamino	ethyl	propyl	4-(4-methylbenzoyl)	H
dimethylamino	ethyl	benzoyl	3-(4-methylbenzoyl)	H
dimethylamino	ethyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
dimethylamino	ethyl	ethoxycarbonyl	4-chloroacetyl	H
dimethylamino	ethyl	2-methoxyethyl	3-chloroacetyl	H
dimethylamino	ethyl	ethyl	2-chloroacetyl	H
dimethylamino	ethyl	propyl	4-ethoxycarbonyl	H
dimethylamino	ethyl	benzoyl	3-ethoxycarbonyl	H
dimethylamino	ethyl	methoxycarbonyl	2-ethoxycarbonyl	H
dimethylamino	ethyl	ethoxycarbonyl	4-carboxy	H
dimethylamino	ethyl	2-methoxyethyl	3-carboxy	H
dimethylamino	ethyl	ethyl	2-carboxy	H
dimethylamino	ethyl	propyl	4-chloromethoxy	H
dimethylamino	ethyl	benzoyl	3-chloromethoxy	H
dimethylamino	ethyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表294】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	ethoxycarbonyl	2-chloro	H
dimethylamino	propyl	2-methoxyethyl	3-chloro	H
dimethylamino	propyl	ethyl	4-chloro	H
dimethylamino	propyl	propyl	2-fluoro	H
dimethylamino	propyl	benzoyl	3-fluoro	H
dimethylamino	propyl	methoxycarbonyl	4-fluoro	H
dimethylamino	propyl	ethoxycarbonyl	2-bromo	H
dimethylamino	propyl	2-methoxyethyl	3-bromo	H
dimethylamino	propyl	ethyl	4-bromo	H
dimethylamino	propyl	propyl	2-nitro	H
dimethylamino	propyl	benzoyl	3-nitro	H
dimethylamino	propyl	methoxycarbonyl	4-nitro	H
dimethylamino	propyl	ethoxycarbonyl	2-methoxy	H
dimethylamino	propyl	2-methoxyethyl	3-methoxy	H
dimethylamino	propyl	ethyl	4-methoxy	H
dimethylamino	propyl	propyl	2-chloro	4-chloro
dimethylamino	propyl	benzoyl	3-chloro	4-chloro
dimethylamino	propyl	methoxycarbonyl	2-fluoro	4-fluoro
dimethylamino	propyl	ethoxycarbonyl	3-fluoro	4-fluoro
dimethylamino	propyl	2-methoxyethyl	2-bromo	4-bromo
dimethylamino	propyl	ethyl	3-bromo	4-bromo
dimethylamino	propyl	propyl	2-methoxy	4-methoxy
dimethylamino	propyl	benzoyl	3-methoxy	4-methoxy
dimethylamino	propyl	methoxycarbonyl	2-acetyl	H
dimethylamino	propyl	ethoxycarbonyl	3-acetyl	H
dimethylamino	propyl	2-methoxyethyl	4-acetyl	H
dimethylamino	propyl	ethyl	2-benzoyl	H
dimethylamino	propyl	propyl	3-benzoyl	H
dimethylamino	propyl	benzoyl	4-benzoyl	H
dimethylamino	propyl	methoxycarbonyl	2-cyano	H
dimethylamino	propyl	ethoxycarbonyl	3-cyano	H
dimethylamino	propyl	2-methoxyethyl	4-cyano	H
dimethylamino	propyl	ethyl	2-carbamoyl	H
dimethylamino	propyl	propyl	3-carbamoyl	H
dimethylamino	propyl	benzoyl	4-carbamoyl	H
dimethylamino	propyl	methoxycarbonyl	2-dimethylcarbamoyl	H
dimethylamino	propyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
dimethylamino	propyl	2-methoxyethyl	4-dimethylcarbamoyl	H
dimethylamino	propyl	ethyl	2-methylcarbamoyl	H
dimethylamino	propyl	propyl	3-methylcarbamoyl	H

続く

【表295】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	propyl	benzoyl	4-methylcarbamoyl	H
dimethylamino	propyl	methoxycarbonyl	2-methoxycarbonyl	H
dimethylamino	propyl	ethoxycarbonyl	3-methoxycarbonyl	H
dimethylamino	propyl	2-methoxyethyl	4-methoxycarbonyl	H
dimethylamino	propyl	ethyl	2-amino	H
dimethylamino	propyl	propyl	3-amino	H
dimethylamino	propyl	benzoyl	4-amino	H
dimethylamino	propyl	methoxycarbonyl	2-methylamino	H
dimethylamino	propyl	ethoxycarbonyl	3-methylamino	H
dimethylamino	propyl	2-methoxyethyl	4-methylamino	H
dimethylamino	propyl	ethyl	2-dimethylamino	H
dimethylamino	propyl	propyl	3-dimethylamino	H
dimethylamino	propyl	benzoyl	4-dimethylamino	H
dimethylamino	propyl	methoxycarbonyl	2-trifluoromethyl	H
dimethylamino	propyl	ethoxycarbonyl	3-trifluoromethyl	H
dimethylamino	propyl	2-methoxyethyl	4-trifluoromethyl	H
dimethylamino	propyl	ethyl	2-fluoromethyl	H
dimethylamino	propyl	propyl	3-fluoromethyl	H
dimethylamino	propyl	benzoyl	4-fluoromethyl	H
dimethylamino	propyl	methoxycarbonyl	2-hydroxy	H
dimethylamino	propyl	ethoxycarbonyl	3-hydroxy	H
dimethylamino	propyl	2-methoxyethyl	4-hydroxy	H
dimethylamino	propyl	ethyl	4-(4-fluorobenzoyl)	H
dimethylamino	propyl	propyl	3-(4-fluorobenzoyl)	H
dimethylamino	propyl	benzoyl	2-(4-fluorobenzoyl)	H
dimethylamino	propyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
dimethylamino	propyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
dimethylamino	propyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
dimethylamino	propyl	ethyl	4-chloroacetyl	H
dimethylamino	propyl	propyl	3-chloroacetyl	H
dimethylamino	propyl	benzoyl	2-chloroacetyl	H
dimethylamino	propyl	methoxycarbonyl	4-ethoxycarbonyl	H
dimethylamino	propyl	ethoxycarbonyl	3-ethoxycarbonyl	H
dimethylamino	propyl	2-methoxyethyl	2-ethoxycarbonyl	H
dimethylamino	propyl	ethyl	4-carboxy	H
dimethylamino	propyl	propyl	3-carboxy	H
dimethylamino	propyl	benzoyl	2-carboxy	H
dimethylamino	propyl	methoxycarbonyl	4-chloromethoxy	H
dimethylamino	propyl	ethoxycarbonyl	3-chloromethoxy	H
dimethylamino	propyl	2-methoxyethyl	2-chloromethoxy	H

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【表296】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	ethyl	2-chloro	H
dimethylamino	butyl	propyl	3-chloro	H
dimethylamino	butyl	benzoyl	4-chloro	H
dimethylamino	butyl	methoxycarbonyl	2-fluoro	H
dimethylamino	butyl	ethoxycarbonyl	3-fluoro	H
dimethylamino	butyl	2-methoxyethyl	4-fluoro	H
dimethylamino	butyl	ethyl	2-bromo	H
dimethylamino	butyl	propyl	3-bromo	H
dimethylamino	butyl	benzoyl	4-bromo	H
dimethylamino	butyl	methoxycarbonyl	2-nitro	H
dimethylamino	butyl	ethoxycarbonyl	3-nitro	H
dimethylamino	butyl	2-methoxyethyl	4-nitro	H
dimethylamino	butyl	ethyl	2-methoxy	H
dimethylamino	butyl	propyl	3-methoxy	H
dimethylamino	butyl	benzoyl	4-methoxy	H
dimethylamino	butyl	methoxycarbonyl	2-chloro	4-chloro
dimethylamino	butyl	ethoxycarbonyl	3-chloro	4-chloro
dimethylamino	butyl	2-methoxyethyl	2-fluoro	4-fluoro
dimethylamino	butyl	ethyl	3-fluoro	4-fluoro
dimethylamino	butyl	propyl	2-bromo	4-bromo
dimethylamino	butyl	benzoyl	3-bromo	4-bromo
dimethylamino	butyl	methoxycarbonyl	2-methoxy	4-methoxy
dimethylamino	butyl	ethoxycarbonyl	3-methoxy	4-methoxy
dimethylamino	butyl	2-methoxyethyl	2-acetyl	H
dimethylamino	butyl	ethyl	3-acetyl	H
dimethylamino	butyl	propyl	4-acetyl	H
dimethylamino	butyl	benzoyl	2-benzoyl	H
dimethylamino	butyl	methoxycarbonyl	3-benzoyl	H
dimethylamino	butyl	ethoxycarbonyl	4-benzoyl	H
dimethylamino	butyl	2-methoxyethyl	2-cyano	H
dimethylamino	butyl	ethyl	3-cyano	H
dimethylamino	butyl	propyl	4-cyano	H
dimethylamino	butyl	benzoyl	2-carbamoyl	H
dimethylamino	butyl	methoxycarbonyl	3-carbamoyl	H
dimethylamino	butyl	ethoxycarbonyl	4-carbamoyl	H
dimethylamino	butyl	2-methoxyethyl	2-dimethylcarbamoyl	H
dimethylamino	butyl	ethyl	3-dimethylcarbamoyl	H
dimethylamino	butyl	propyl	4-dimethylcarbamoyl	H
dimethylamino	butyl	benzoyl	2-methylcarbamoyl	H
dimethylamino	butyl	methoxycarbonyl	3-methylcarbamoyl	H

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【表 297】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	butyl	ethoxycarbonyl	4-methylcarbamoyl	H
dimethylamino	butyl	2-methoxyethyl	2-methoxycarbonyl	H
dimethylamino	butyl	ethyl	3-methoxycarbonyl	H
dimethylamino	butyl	propyl	4-methoxycarbonyl	H
dimethylamino	butyl	benzoyl	2-amino	H
dimethylamino	butyl	methoxycarbonyl	3-amino	H
dimethylamino	butyl	ethoxycarbonyl	4-amino	H
dimethylamino	butyl	2-methoxyethyl	2-methylamino	H
dimethylamino	butyl	ethyl	3-methylamino	H
dimethylamino	butyl	propyl	4-methylamino	H
dimethylamino	butyl	benzoyl	2-dimethylamino	H
dimethylamino	butyl	methoxycarbonyl	3-dimethylamino	H
dimethylamino	butyl	ethoxycarbonyl	4-dimethylamino	H
dimethylamino	butyl	2-methoxyethyl	2-trifluoromethyl	H
dimethylamino	butyl	ethyl	3-trifluoromethyl	H
dimethylamino	butyl	propyl	4-trifluoromethyl	H
dimethylamino	butyl	benzoyl	2-fluoromethyl	H
dimethylamino	butyl	methoxycarbonyl	3-fluoromethyl	H
dimethylamino	butyl	ethoxycarbonyl	4-fluoromethyl	H
dimethylamino	butyl	2-methoxyethyl	2-hydroxy	H
dimethylamino	butyl	ethyl	3-hydroxy	H
dimethylamino	butyl	propyl	4-hydroxy	H
dimethylamino	butyl	benzoyl	4-(4-fluorobenzoyl)	H
dimethylamino	butyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
dimethylamino	butyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
dimethylamino	butyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
dimethylamino	butyl	ethyl	3-(4-methylbenzoyl)	H
dimethylamino	butyl	propyl	2-(4-methylbenzoyl)	H
dimethylamino	butyl	benzoyl	4-chloroacetyl	H
dimethylamino	butyl	methoxycarbonyl	3-chloroacetyl	H
dimethylamino	butyl	ethoxycarbonyl	2-chloroacetyl	H
dimethylamino	butyl	2-methoxyethyl	4-ethoxycarbonyl	H
dimethylamino	butyl	ethyl	3-ethoxycarbonyl	H
dimethylamino	butyl	propyl	2-ethoxycarbonyl	H
dimethylamino	butyl	benzoyl	4-carboxy	H
dimethylamino	butyl	methoxycarbonyl	3-carboxy	H
dimethylamino	butyl	ethoxycarbonyl	2-carboxy	H
dimethylamino	butyl	2-methoxyethyl	4-chloromethoxy	H
dimethylamino	butyl	ethyl	3-chloromethoxy	H
dimethylamino	butyl	propyl	2-chloromethoxy	H

続く

【表298】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	benzoyl	2-chloro	H
dimethylamino	benzyl	methoxycarbonyl	3-chloro	H
dimethylamino	benzyl	ethoxycarbonyl	4-chloro	H
dimethylamino	benzyl	2-methoxyethyl	2-fluoro	H
dimethylamino	benzyl	ethyl	3-fluoro	H
dimethylamino	benzyl	propyl	4-fluoro	H
dimethylamino	benzyl	benzoyl	2-bromo	H
dimethylamino	benzyl	methoxycarbonyl	3-bromo	H
dimethylamino	benzyl	ethoxycarbonyl	4-bromo	H
dimethylamino	benzyl	2-methoxyethyl	2-nitro	H
dimethylamino	benzyl	ethyl	3-nitro	H
dimethylamino	benzyl	propyl	4-nitro	H
dimethylamino	benzyl	benzoyl	2-methoxy	H
dimethylamino	benzyl	methoxycarbonyl	3-methoxy	H
dimethylamino	benzyl	ethoxycarbonyl	4-methoxy	H
dimethylamino	benzyl	2-methoxyethyl	2-chloro	4-chloro
dimethylamino	benzyl	ethyl	3-chloro	4-chloro
dimethylamino	benzyl	propyl	2-fluoro	4-fluoro
dimethylamino	benzyl	benzoyl	3-fluoro	4-fluoro
dimethylamino	benzyl	methoxycarbonyl	2-bromo	4-bromo
dimethylamino	benzyl	ethoxycarbonyl	3-bromo	4-bromo
dimethylamino	benzyl	2-methoxyethyl	2-methoxy	4-methoxy
dimethylamino	benzyl	ethyl	3-methoxy	4-methoxy
dimethylamino	benzyl	propyl	2-acetyl	H
dimethylamino	benzyl	benzoyl	3-acetyl	H
dimethylamino	benzyl	methoxycarbonyl	4-acetyl	H
dimethylamino	benzyl	ethoxycarbonyl	2-benzoyl	H
dimethylamino	benzyl	2-methoxyethyl	3-benzoyl	H
dimethylamino	benzyl	ethyl	4-benzoyl	H
dimethylamino	benzyl	propyl	2-cyano	H
dimethylamino	benzyl	benzoyl	3-cyano	H
dimethylamino	benzyl	methoxycarbonyl	4-cyano	H
dimethylamino	benzyl	ethoxycarbonyl	2-carbamoyl	H
dimethylamino	benzyl	2-methoxyethyl	3-carbamoyl	H
dimethylamino	benzyl	ethyl	4-carbamoyl	H
dimethylamino	benzyl	propyl	2-dimethylcarbamoyl	H
dimethylamino	benzyl	benzoyl	3-dimethylcarbamoyl	H
dimethylamino	benzyl	methoxycarbonyl	4-dimethylcarbamoyl	H
dimethylamino	benzyl	ethoxycarbonyl	2-methylcarbamoyl	H
dimethylamino	benzyl	2-methoxyethyl	3-methylcarbamoyl	H

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【表299】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	benzyl	ethyl	4-methylcarbonyl	H
dimethylamino	benzyl	propyl	2-methoxycarbonyl	H
dimethylamino	benzyl	benzoyl	3-methoxycarbonyl	H
dimethylamino	benzyl	methoxycarbonyl	4-methoxycarbonyl	H
dimethylamino	benzyl	ethoxycarbonyl	2-amino	H
dimethylamino	benzyl	2-methoxyethyl	3-amino	H
dimethylamino	benzyl	ethyl	4-amino	H
dimethylamino	benzyl	propyl	2-methylamino	H
dimethylamino	benzyl	benzoyl	3-methylamino	H
dimethylamino	benzyl	methoxycarbonyl	4-methylamino	H
dimethylamino	benzyl	ethoxycarbonyl	2-dimethylamino	H
dimethylamino	benzyl	2-methoxyethyl	3-dimethylamino	H
dimethylamino	benzyl	ethyl	4-dimethylamino	H
dimethylamino	benzyl	propyl	2-trifluoromethyl	H
dimethylamino	benzyl	benzoyl	3-trifluoromethyl	H
dimethylamino	benzyl	methoxycarbonyl	4-trifluoromethyl	H
dimethylamino	benzyl	ethoxycarbonyl	2-fluoromethyl	H
dimethylamino	benzyl	2-methoxyethyl	3-fluoromethyl	H
dimethylamino	benzyl	ethyl	4-fluoromethyl	H
dimethylamino	benzyl	propyl	2-hydroxy	H
dimethylamino	benzyl	benzoyl	3-hydroxy	H
dimethylamino	benzyl	methoxycarbonyl	4-hydroxy	H
dimethylamino	benzyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
dimethylamino	benzyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
dimethylamino	benzyl	ethyl	2-(4-fluorobenzoyl)	H
dimethylamino	benzyl	propyl	4-(4-methylbenzoyl)	H
dimethylamino	benzyl	benzoyl	3-(4-methylbenzoyl)	H
dimethylamino	benzyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
dimethylamino	benzyl	ethoxycarbonyl	4-chloroacetyl	H
dimethylamino	benzyl	2-methoxyethyl	3-chloroacetyl	H
dimethylamino	benzyl	ethyl	2-chloroacetyl	H
dimethylamino	benzyl	propyl	4-ethoxycarbonyl	H
dimethylamino	benzyl	benzoyl	3-ethoxycarbonyl	H
dimethylamino	benzyl	methoxycarbonyl	2-ethoxycarbonyl	H
dimethylamino	benzyl	ethoxycarbonyl	4-carboxy	H
dimethylamino	benzyl	2-methoxyethyl	3-carboxy	H
dimethylamino	benzyl	ethyl	2-carboxy	H
dimethylamino	benzyl	propyl	4-chloromethoxy	H
dimethylamino	benzyl	benzoyl	3-chloromethoxy	H
dimethylamino	benzyl	methoxycarbonyl	2-chloromethoxy	H

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【表300】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloro	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	3-chloro	H
dimethylamino	cyclohexylmethyl	ethyl	4-chloro	H
dimethylamino	cyclohexylmethyl	propyl	2-fluoro	H
dimethylamino	cyclohexylmethyl	benzoyl	3-fluoro	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	4-fluoro	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	2-bromo	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	3-bromo	H
dimethylamino	cyclohexylmethyl	ethyl	4-bromo	H
dimethylamino	cyclohexylmethyl	propyl	2-nitro	H
dimethylamino	cyclohexylmethyl	benzoyl	3-nitro	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	4-nitro	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	2-methoxy	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	3-methoxy	H
dimethylamino	cyclohexylmethyl	ethyl	4-methoxy	H
dimethylamino	cyclohexylmethyl	propyl	2-chloro	4-chloro
dimethylamino	cyclohexylmethyl	benzoyl	3-chloro	4-chloro
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-fluoro	4-fluoro
dimethylamino	cyclohexylmethyl	2-methoxyethyl	2-bromo	4-bromo
dimethylamino	cyclohexylmethyl	ethyl	3-bromo	4-bromo
dimethylamino	cyclohexylmethyl	propyl	2-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	benzoyl	3-methoxy	4-methoxy
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-acetyl	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-acetyl	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-acetyl	H
dimethylamino	cyclohexylmethyl	ethyl	2-benzoyl	H
dimethylamino	cyclohexylmethyl	propyl	3-benzoyl	H
dimethylamino	cyclohexylmethyl	benzoyl	4-benzoyl	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-cyano	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-cyano	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-cyano	H
dimethylamino	cyclohexylmethyl	ethyl	2-carbamoyl	H
dimethylamino	cyclohexylmethyl	propyl	3-carbamoyl	H
dimethylamino	cyclohexylmethyl	benzoyl	4-carbamoyl	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-dimethylcarbamoyl	H
dimethylamino	cyclohexylmethyl	ethyl	2-methylcarbamoyl	H
dimethylamino	cyclohexylmethyl	propyl	3-methylcarbamoyl	H

続く

【0076】

【表301】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
dimethylamino	cyclohexylmethyl	benzoyl	4-methylcarbonyl	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-methoxycarbonyl	H
dimethylamino	cyclohexylmethyl	ethyl	2-amino	H
dimethylamino	cyclohexylmethyl	propyl	3-amino	H
dimethylamino	cyclohexylmethyl	benzoyl	4-amino	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-methylamino	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-methylamino	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-methylamino	H
dimethylamino	cyclohexylmethyl	ethyl	2-dimethylamino	H
dimethylamino	cyclohexylmethyl	propyl	3-dimethylamino	H
dimethylamino	cyclohexylmethyl	benzoyl	4-dimethylamino	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-trifluoromethyl	H
dimethylamino	cyclohexylmethyl	ethyl	2-fluoromethyl	H
dimethylamino	cyclohexylmethyl	propyl	3-fluoromethyl	H
dimethylamino	cyclohexylmethyl	benzoyl	4-fluoromethyl	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	2-hydroxy	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-hydroxy	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	4-hydroxy	H
dimethylamino	cyclohexylmethyl	ethyl	4-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	propyl	3-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	benzoyl	2-(4-fluorobenzoyl)	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
dimethylamino	cyclohexylmethyl	ethyl	4-chloroacetyl	H
dimethylamino	cyclohexylmethyl	propyl	3-chloroacetyl	H
dimethylamino	cyclohexylmethyl	benzoyl	2-chloroacetyl	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	4-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	2-ethoxycarbonyl	H
dimethylamino	cyclohexylmethyl	ethyl	4-carboxy	H
dimethylamino	cyclohexylmethyl	propyl	3-carboxy	H
dimethylamino	cyclohexylmethyl	benzoyl	2-carboxy	H
dimethylamino	cyclohexylmethyl	methoxycarbonyl	4-chloromethoxy	H
dimethylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloromethoxy	H
dimethylamino	cyclohexylmethyl	2-methoxyethyl	2-chloromethoxy	H

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【表302】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	H	ethyl	H	H
ethylamino	methyl	propyl	H	H
ethylamino	ethyl	benzoyl	H	H
ethylamino	propyl	methoxycarbonyl	H	H
ethylamino	methylethyl	ethoxycarbonyl	H	H
ethylamino	butyl	2-methoxyethyl	H	H
ethylamino	1-methylpropyl	ethyl	H	H
ethylamino	2-methylpropyl	propyl	H	H
ethylamino	dimethylethyl	benzoyl	H	H
ethylamino	pentyl	methoxycarbonyl	H	H
ethylamino	1-methylbutyl	ethoxycarbonyl	H	H
ethylamino	2-methylbutyl	2-methoxyethyl	H	H
ethylamino	1,1-dimethylpropyl	ethyl	H	H
ethylamino	1,2-dimethylpropyl	propyl	H	H
ethylamino	2,2-dimethylpropyl	benzoyl	H	H
ethylamino	hexyl	methoxycarbonyl	H	H
ethylamino	1-methylpentyl	ethoxycarbonyl	H	H
ethylamino	2-methylpentyl	2-methoxyethyl	H	H
ethylamino	3-methylpentyl	ethyl	H	H
ethylamino	4-methylpentyl	propyl	H	H
ethylamino	1,1-dimethylbutyl	benzoyl	H	H
ethylamino	1,2-dimethylbutyl	methoxycarbonyl	H	H
ethylamino	1,3-dimethylbutyl	ethoxycarbonyl	H	H
ethylamino	2,2-dimethylbutyl	2-methoxyethyl	H	H
ethylamino	2,3-dimethylbutyl	ethyl	H	H
ethylamino	3,3-dimethylbutyl	propyl	H	H
ethylamino	1-ethylbutyl	benzoyl	H	H
ethylamino	2-ethylbutyl	methoxycarbonyl	H	H
ethylamino	1,1,2-trimethylpropyl	ethoxycarbonyl	H	H
ethylamino	heptyl	2-methoxyethyl	H	H
ethylamino	cyclopropyl	ethyl	H	H
ethylamino	cyclopentyl	propyl	H	H
ethylamino	cyclohexyl	benzoyl	H	H
ethylamino	cycloheptyl	methoxycarbonyl	H	H
ethylamino	cyclopropylmethyl	ethoxycarbonyl	H	H
ethylamino	cyclopentylmethyl	2-methoxyethyl	H	H
ethylamino	cyclohexylmethyl	ethyl	H	H
ethylamino	cycloheptylmethyl	propyl	H	H
ethylamino	2-methoxyethyl	benzoyl	H	H
ethylamino	3-methoxypropyl	methoxycarbonyl	H	H

続く

【表303】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	4-methoxybutyl	ethoxycarbonyl	H	H
ethylamino	5-methoxypentyl	methoxycarbonyl	H	H
ethylamino	5-ethoxypentyl	2-methoxyethyl	H	H
ethylamino	2-ethoxyethyl	ethyl	H	H
ethylamino	3-ethoxypropyl	propyl	H	H
ethylamino	4-ethoxybutyl	benzoyl	H	H
ethylamino	2-carboxyethyl	methoxycarbonyl	H	H
ethylamino	3-carboxypropyl	ethoxycarbonyl	H	H
ethylamino	4-carboxybutyl	2-methoxyethyl	H	H
ethylamino	5-carboxypentyl	ethyl	H	H
ethylamino	2-hydroxyethyl	propyl	H	H
ethylamino	3-hydroxypropyl	benzoyl	H	H
ethylamino	4-hydroxybutyl	methoxycarbonyl	H	H
ethylamino	5-hydroxypentyl	ethoxycarbonyl	H	H
ethylamino	2-methoxycarbonylethyl	2-methoxyethyl	H	H
ethylamino	3-methoxycarbonylpropyl	ethyl	H	H
ethylamino	4-methoxycarbonylbutyl	propyl	H	H
ethylamino	5-methoxycarbonylpentyl	benzoyl	H	H
ethylamino	2-aminoethyl	methoxycarbonyl	H	H
ethylamino	3-aminopropyl	ethoxycarbonyl	H	H
ethylamino	4-aminobutyl	2-methoxyethyl	H	H
ethylamino	5-aminopentyl	ethyl	H	H
ethylamino	6-aminohexyl	propyl	H	H
ethylamino	2-chloroethyl	benzoyl	H	H
ethylamino	3-chloropropyl	methoxycarbonyl	H	H
ethylamino	4-chlorobutyl	ethoxycarbonyl	H	H
ethylamino	5-chloropentyl	2-methoxyethyl	H	H
ethylamino	6-chlorohexyl	ethyl	H	H
ethylamino	2-fluoroethyl	propyl	H	H
ethylamino	3-fluoropropyl	benzoyl	H	H
ethylamino	4-fluorobutyl	methoxycarbonyl	H	H
ethylamino	5-fluoropentyl	ethoxycarbonyl	H	H
ethylamino	6-fluorohexyl	2-methoxyethyl	H	H
ethylamino	2-carbamoylethyl	ethyl	H	H
ethylamino	3-carbamoylpropyl	propyl	H	H
ethylamino	4-carbamoylbutyl	benzoyl	H	H
ethylamino	5-carbamoylpentyl	methoxycarbonyl	H	H
ethylamino	6-carbamoylhexyl	ethoxycarbonyl	H	H
ethylamino	3-methylcarbamoylpropyl	2-methoxyethyl	H	H
ethylamino	4-methylcarbamoylbutyl	ethyl	H	H
ethylamino	5-methylcarbamoylpentyl	propyl	H	H

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【表304】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	benzoyl	H	H
ethylamino	2-phenylethyl	methoxycarbonyl	H	H
ethylamino	4-fluorobenzyl	ethoxycarbonyl	H	H
ethylamino	3-fluorobenzyl	2-methoxyethyl	H	H
ethylamino	4-chlorobenzyl	ethyl	H	H
ethylamino	3-chlorobenzyl	propyl	H	H
ethylamino	4-methoxybenzyl	benzoyl	H	H
ethylamino	3-methoxybenzyl	methoxycarbonyl	H	H
ethylamino	4-hydroxybenzyl	ethoxycarbonyl	H	H
ethylamino	3-hydroxybenzyl	2-methoxyethyl	H	H
ethylamino	4-methylbenzyl	ethyl	H	H
ethylamino	3-methylbenzyl	propyl	H	H
ethylamino	4-aminobenzyl	benzoyl	H	H
ethylamino	3-aminobenzyl	methoxycarbonyl	H	H
ethylamino	4-dimethylaminobenzyl	ethoxycarbonyl	H	H
ethylamino	3-dimethylaminobenzyl	2-methoxyethyl	H	H
ethylamino	4-carbamoylbenzyl	ethyl	H	H
ethylamino	3-carbamoylbenzyl	propyl	H	H
ethylamino	4-methylcarbamoylbenzyl	benzoyl	H	H
ethylamino	3-methylcarbamoylbenzyl	methoxycarbonyl	H	H
ethylamino	4-cyanobenzyl	ethoxycarbonyl	H	H
ethylamino	4-phenoxybenzyl	2-methoxyethyl	H	H
ethylamino	phenyl	ethyl	H	H
ethylamino	4-fluorophenyl	propyl	H	H
ethylamino	3-fluorophenyl	benzoyl	H	H
ethylamino	4-chlorophenyl	methoxycarbonyl	H	H
ethylamino	3-methoxyphenyl	ethoxycarbonyl	H	H
ethylamino	3-hydroxyphenyl	2-methoxyethyl	H	H
ethylamino	4-methylphenyl	ethyl	H	H
ethylamino	3-methylphenyl	propyl	H	H
ethylamino	4-aminophenyl	benzoyl	H	H
ethylamino	3-aminophenyl	methoxycarbonyl	H	H
ethylamino	3-dimethylaminophenyl	ethoxycarbonyl	H	H
ethylamino	4-methylaminophenyl	2-methoxyethyl	H	H
ethylamino	3-carbamoylphenyl	ethyl	H	H
ethylamino	4-carbamoylphenyl	propyl	H	H
ethylamino	3-cyanophenyl	benzoyl	H	H
ethylamino	4-cyanophenyl	methoxycarbonyl	H	H
ethylamino	3-phenoxyphenyl	ethoxycarbonyl	H	H
ethylamino	4-phenoxyphenyl	2-methoxyethyl	H	H

続<

【表305】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	ethyl	2-chloro	H
ethylamino	methyl	propyl	3-chloro	H
ethylamino	methyl	benzoyl	4-chloro	H
ethylamino	methyl	methoxycarbonyl	2-fluoro	H
ethylamino	methyl	ethoxycarbonyl	3-fluoro	H
ethylamino	methyl	2-methoxyethyl	4-fluoro	H
ethylamino	methyl	ethyl	2-bromo	H
ethylamino	methyl	propyl	3-bromo	H
ethylamino	methyl	benzoyl	4-bromo	H
ethylamino	methyl	methoxycarbonyl	2-nitro	H
ethylamino	methyl	ethoxycarbonyl	3-nitro	H
ethylamino	methyl	2-methoxyethyl	4-nitro	H
ethylamino	methyl	ethyl	2-methoxy	H
ethylamino	methyl	propyl	3-methoxy	H
ethylamino	methyl	benzoyl	4-methoxy	H
ethylamino	methyl	methoxycarbonyl	2-chloro	4-chloro
ethylamino	methyl	ethoxycarbonyl	3-chloro	4-chloro
ethylamino	methyl	2-methoxyethyl	2-fluoro	4-fluoro
ethylamino	methyl	ethyl	3-fluoro	4-fluoro
ethylamino	methyl	propyl	2-bromo	4-bromo
ethylamino	methyl	benzoyl	3-bromo	4-bromo
ethylamino	methyl	methoxycarbonyl	2-methoxy	4-methoxy
ethylamino	methyl	ethoxycarbonyl	3-methoxy	4-methoxy
ethylamino	methyl	2-methoxyethyl	2-acetyl	H
ethylamino	methyl	ethyl	3-acetyl	H
ethylamino	methyl	propyl	4-acetyl	H
ethylamino	methyl	benzoyl	2-benzoyl	H
ethylamino	methyl	methoxycarbonyl	3-benzoyl	H
ethylamino	methyl	ethoxycarbonyl	4-benzoyl	H
ethylamino	methyl	2-methoxyethyl	2-cyano	H
ethylamino	methyl	ethyl	3-cyano	H
ethylamino	methyl	propyl	4-cyano	H
ethylamino	methyl	benzoyl	2-carbamoyl	H
ethylamino	methyl	methoxycarbonyl	3-carbamoyl	H
ethylamino	methyl	ethoxycarbonyl	4-carbamoyl	H
ethylamino	methyl	2-methoxyethyl	2-dimethylcarbamoyl	H
ethylamino	methyl	ethyl	3-dimethylcarbamoyl	H
ethylamino	methyl	propyl	4-dimethylcarbamoyl	H
ethylamino	methyl	benzoyl	2-methylcarbamoyl	H
ethylamino	methyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【表306】

【表307】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	benzoyl	2-chloro	H
ethylamino	ethyl	methoxycarbonyl	3-chloro	H
ethylamino	ethyl	ethoxycarbonyl	4-chloro	H
ethylamino	ethyl	2-methoxyethyl	2-fluoro	H
ethylamino	ethyl	ethyl	3-fluoro	H
ethylamino	ethyl	propyl	4-fluoro	H
ethylamino	ethyl	benzoyl	2-bromo	H
ethylamino	ethyl	methoxycarbonyl	3-bromo	H
ethylamino	ethyl	ethoxycarbonyl	4-bromo	H
ethylamino	ethyl	2-methoxyethyl	2-nitro	H
ethylamino	ethyl	ethyl	3-nitro	H
ethylamino	ethyl	propyl	4-nitro	H
ethylamino	ethyl	benzoyl	2-methoxy	H
ethylamino	ethyl	methoxycarbonyl	3-methoxy	H
ethylamino	ethyl	ethoxycarbonyl	4-methoxy	H
ethylamino	ethyl	2-methoxyethyl	2-chloro	4-chloro
ethylamino	ethyl	ethyl	3-chloro	4-chloro
ethylamino	ethyl	propyl	2-fluoro	4-fluoro
ethylamino	ethyl	benzoyl	3-fluoro	4-fluoro
ethylamino	ethyl	methoxycarbonyl	2-bromo	4-bromo
ethylamino	ethyl	ethoxycarbonyl	3-bromo	4-bromo
ethylamino	ethyl	2-methoxyethyl	2-methoxy	4-methoxy
ethylamino	ethyl	ethyl	3-methoxy	4-methoxy
ethylamino	ethyl	propyl	2-acetyl	H
ethylamino	ethyl	benzoyl	3-acetyl	H
ethylamino	ethyl	methoxycarbonyl	4-acetyl	H
ethylamino	ethyl	ethoxycarbonyl	2-benzoyl	H
ethylamino	ethyl	2-methoxyethyl	3-benzoyl	H
ethylamino	ethyl	ethyl	4-benzoyl	H
ethylamino	ethyl	propyl	2-cyano	H
ethylamino	ethyl	benzoyl	3-cyano	H
ethylamino	ethyl	methoxycarbonyl	4-cyano	H
ethylamino	ethyl	ethoxycarbonyl	2-carbamoyl	H
ethylamino	ethyl	2-methoxyethyl	3-carbamoyl	H
ethylamino	ethyl	ethyl	4-carbamoyl	H
ethylamino	ethyl	propyl	2-dimethylcarbamoyl	H
ethylamino	ethyl	benzoyl	3-dimethylcarbamoyl	H
ethylamino	ethyl	methoxycarbonyl	4-dimethylcarbamoyl	H
ethylamino	ethyl	ethoxycarbonyl	2-methylcarbamoyl	H
ethylamino	ethyl	2-methoxyethyl	3-methylcarbamoyl	H

続<

[表 308]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	ethyl	ethyl	4-methylcarbamoyl	H
ethylamino	ethyl	propyl	2-methoxycarbonyl	H
ethylamino	ethyl	benzoyl	3-methoxycarbonyl	H
ethylamino	ethyl	methoxycarbonyl	4-methoxycarbonyl	H
ethylamino	ethyl	ethoxycarbonyl	2-amino	H
ethylamino	ethyl	2-methoxyethyl	3-amino	H
ethylamino	ethyl	ethyl	4-amino	H
ethylamino	ethyl	propyl	2-methylamino	H
ethylamino	ethyl	benzoyl	3-methylamino	H
ethylamino	ethyl	methoxycarbonyl	4-methylamino	H
ethylamino	ethyl	ethoxycarbonyl	2-dimethylamino	H
ethylamino	ethyl	2-methoxyethyl	3-dimethylamino	H
ethylamino	ethyl	ethyl	4-dimethylamino	H
ethylamino	ethyl	propyl	2-trifluoromethyl	H
ethylamino	ethyl	benzoyl	3-trifluoromethyl	H
ethylamino	ethyl	methoxycarbonyl	4-trifluoromethyl	H
ethylamino	ethyl	ethoxycarbonyl	2-fluoromethyl	H
ethylamino	ethyl	2-methoxyethyl	3-fluoromethyl	H
ethylamino	ethyl	ethyl	4-fluoromethyl	H
ethylamino	ethyl	propyl	2-hydroxy	H
ethylamino	ethyl	benzoyl	3-hydroxy	H
ethylamino	ethyl	methoxycarbonyl	4-hydroxy	H
ethylamino	ethyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
ethylamino	ethyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
ethylamino	ethyl	ethyl	2-(4-fluorobenzoyl)	H
ethylamino	ethyl	propyl	4-(4-methylbenzoyl)	H
ethylamino	ethyl	benzoyl	3-(4-methylbenzoyl)	H
ethylamino	ethyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
ethylamino	ethyl	ethoxycarbonyl	4-chloroacetyl	H
ethylamino	ethyl	2-methoxyethyl	3-chloroacetyl	H
ethylamino	ethyl	ethyl	2-chloroacetyl	H
ethylamino	ethyl	propyl	4-ethoxycarbonyl	H
ethylamino	ethyl	benzoyl	3-ethoxycarbonyl	H
ethylamino	ethyl	methoxycarbonyl	2-ethoxycarbonyl	H
ethylamino	ethyl	ethoxycarbonyl	4-carboxy	H
ethylamino	ethyl	2-methoxyethyl	3-carboxy	H
ethylamino	ethyl	ethyl	2-carboxy	H
ethylamino	ethyl	propyl	4-chloromethoxy	H
ethylamino	ethyl	benzoyl	3-chloromethoxy	H
ethylamino	ethyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表309】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	ethoxycarbonyl	2-chloro	H
ethylamino	propyl	2-methoxyethyl	3-chloro	H
ethylamino	propyl	ethyl	4-chloro	H
ethylamino	propyl	propyl	2-fluoro	H
ethylamino	propyl	benzoyl	3-fluoro	H
ethylamino	propyl	methoxycarbonyl	4-fluoro	H
ethylamino	propyl	ethoxycarbonyl	2-bromo	H
ethylamino	propyl	2-methoxyethyl	3-bromo	H
ethylamino	propyl	ethyl	4-bromo	H
ethylamino	propyl	propyl	2-nitro	H
ethylamino	propyl	benzoyl	3-nitro	H
ethylamino	propyl	methoxycarbonyl	4-nitro	H
ethylamino	propyl	ethoxycarbonyl	2-methoxy	H
ethylamino	propyl	2-methoxyethyl	3-methoxy	H
ethylamino	propyl	ethyl	4-methoxy	H
ethylamino	propyl	propyl	2-chloro	4-chloro
ethylamino	propyl	benzoyl	3-chloro	4-chloro
ethylamino	propyl	methoxycarbonyl	2-fluoro	4-fluoro
ethylamino	propyl	ethoxycarbonyl	3-fluoro	4-fluoro
ethylamino	propyl	2-methoxyethyl	2-bromo	4-bromo
ethylamino	propyl	ethyl	3-bromo	4-bromo
ethylamino	propyl	propyl	2-methoxy	4-methoxy
ethylamino	propyl	benzoyl	3-methoxy	4-methoxy
ethylamino	propyl	methoxycarbonyl	2-acetyl	H
ethylamino	propyl	ethoxycarbonyl	3-acetyl	H
ethylamino	propyl	2-methoxyethyl	4-acetyl	H
ethylamino	propyl	ethyl	2-benzoyl	H
ethylamino	propyl	propyl	3-benzoyl	H
ethylamino	propyl	benzoyl	4-benzoyl	H
ethylamino	propyl	methoxycarbonyl	2-cyano	H
ethylamino	propyl	ethoxycarbonyl	3-cyano	H
ethylamino	propyl	2-methoxyethyl	4-cyano	H
ethylamino	propyl	ethyl	2-carbamoyl	H
ethylamino	propyl	propyl	3-carbamoyl	H
ethylamino	propyl	benzoyl	4-carbamoyl	H
ethylamino	propyl	methoxycarbonyl	2-dimethylcarbamoyl	H
ethylamino	propyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
ethylamino	propyl	2-methoxyethyl	4-dimethylcarbamoyl	H
ethylamino	propyl	ethyl	2-methylcarbamoyl	H
ethylamino	propyl	propyl	3-methylcarbamoyl	H

続<

[表310]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	propyl	benzoyl	4-methylcarbamoyl	H
ethylamino	propyl	methoxycarbonyl	2-methoxycarbonyl	H
ethylamino	propyl	ethoxycarbonyl	3-methoxycarbonyl	H
ethylamino	propyl	2-methoxyethyl	4-methoxycarbonyl	H
ethylamino	propyl	ethyl	2-amino	H
ethylamino	propyl	propyl	3-amino	H
ethylamino	propyl	benzoyl	4-amino	H
ethylamino	propyl	methoxycarbonyl	2-methylamino	H
ethylamino	propyl	ethoxycarbonyl	3-methylamino	H
ethylamino	propyl	2-methoxyethyl	4-methylamino	H
ethylamino	propyl	ethyl	2-dimethylamino	H
ethylamino	propyl	propyl	3-dimethylamino	H
ethylamino	propyl	benzoyl	4-dimethylamino	H
ethylamino	propyl	methoxycarbonyl	2-trifluoromethyl	H
ethylamino	propyl	ethoxycarbonyl	3-trifluoromethyl	H
ethylamino	propyl	2-methoxyethyl	4-trifluoromethyl	H
ethylamino	propyl	ethyl	2-fluoromethyl	H
ethylamino	propyl	propyl	3-fluoromethyl	H
ethylamino	propyl	benzoyl	4-fluoromethyl	H
ethylamino	propyl	methoxycarbonyl	2-hydroxy	H
ethylamino	propyl	ethoxycarbonyl	3-hydroxy	H
ethylamino	propyl	2-methoxyethyl	4-hydroxy	H
ethylamino	propyl	ethyl	4-(4-fluorobenzoyl)	H
ethylamino	propyl	propyl	3-(4-fluorobenzoyl)	H
ethylamino	propyl	benzoyl	2-(4-fluorobenzoyl)	H
ethylamino	propyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
ethylamino	propyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
ethylamino	propyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
ethylamino	propyl	ethyl	4-chloroacetyl	H
ethylamino	propyl	propyl	3-chloroacetyl	H
ethylamino	propyl	benzoyl	2-chloroacetyl	H
ethylamino	propyl	methoxycarbonyl	4-ethoxycarbonyl	H
ethylamino	propyl	ethoxycarbonyl	3-ethoxycarbonyl	H
ethylamino	propyl	2-methoxyethyl	2-ethoxycarbonyl	H
ethylamino	propyl	ethyl	4-carboxy	H
ethylamino	propyl	propyl	3-carboxy	H
ethylamino	propyl	benzoyl	2-carboxy	H
ethylamino	propyl	methoxycarbonyl	4-chloromethoxy	H
ethylamino	propyl	ethoxycarbonyl	3-chloromethoxy	H
ethylamino	propyl	2-methoxyethyl	2-chloromethoxy	H

続く

【表 311】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	ethyl	2-chloro	H
ethylamino	butyl	propyl	3-chloro	H
ethylamino	butyl	benzoyl	4-chloro	H
ethylamino	butyl	methoxycarbonyl	2-fluoro	H
ethylamino	butyl	ethoxycarbonyl	3-fluoro	H
ethylamino	butyl	2-methoxyethyl	4-fluoro	H
ethylamino	butyl	ethyl	2-bromo	H
ethylamino	butyl	propyl	3-bromo	H
ethylamino	butyl	benzoyl	4-bromo	H
ethylamino	butyl	methoxycarbonyl	2-nitro	H
ethylamino	butyl	ethoxycarbonyl	3-nitro	H
ethylamino	butyl	2-methoxyethyl	4-nitro	H
ethylamino	butyl	ethyl	2-methoxy	H
ethylamino	butyl	propyl	3-methoxy	H
ethylamino	butyl	benzoyl	4-methoxy	H
ethylamino	butyl	methoxycarbonyl	2-chloro	4-chloro
ethylamino	butyl	ethoxycarbonyl	3-chloro	4-chloro
ethylamino	butyl	2-methoxyethyl	2-fluoro	4-fluoro
ethylamino	butyl	ethyl	3-fluoro	4-fluoro
ethylamino	butyl	propyl	2-bromo	4-bromo
ethylamino	butyl	benzoyl	3-bromo	4-bromo
ethylamino	butyl	methoxycarbonyl	2-methoxy	4-methoxy
ethylamino	butyl	ethoxycarbonyl	3-methoxy	4-methoxy
ethylamino	butyl	2-methoxyethyl	2-acetyl	H
ethylamino	butyl	ethyl	3-acetyl	H
ethylamino	butyl	propyl	4-acetyl	H
ethylamino	butyl	benzoyl	2-benzoyl	H
ethylamino	butyl	methoxycarbonyl	3-benzoyl	H
ethylamino	butyl	ethoxycarbonyl	4-benzoyl	H
ethylamino	butyl	2-methoxyethyl	2-cyano	H
ethylamino	butyl	ethyl	3-cyano	H
ethylamino	butyl	propyl	4-cyano	H
ethylamino	butyl	benzoyl	2-carbamoyl	H
ethylamino	butyl	methoxycarbonyl	3-carbamoyl	H
ethylamino	butyl	ethoxycarbonyl	4-carbamoyl	H
ethylamino	butyl	2-methoxyethyl	2-dimethylcarbamoyl	H
ethylamino	butyl	ethyl	3-dimethylcarbamoyl	H
ethylamino	butyl	propyl	4-dimethylcarbamoyl	H
ethylamino	butyl	benzoyl	2-methylcarbamoyl	H
ethylamino	butyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【表312】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	butyl	ethoxycarbonyl	4-methylcarbamoyl	H
ethylamino	butyl	2-methoxyethyl	2-methoxycarbonyl	H
ethylamino	butyl	ethyl	3-methoxycarbonyl	H
ethylamino	butyl	propyl	4-methoxycarbonyl	H
ethylamino	butyl	benzoyl	2-amino	H
ethylamino	butyl	methoxycarbonyl	3-amino	H
ethylamino	butyl	ethoxycarbonyl	4-amino	H
ethylamino	butyl	2-methoxyethyl	2-methylamino	H
ethylamino	butyl	ethyl	3-methylamino	H
ethylamino	butyl	propyl	4-methylamino	H
ethylamino	butyl	benzoyl	2-dimethylamino	H
ethylamino	butyl	methoxycarbonyl	3-dimethylamino	H
ethylamino	butyl	ethoxycarbonyl	4-dimethylamino	H
ethylamino	butyl	2-methoxyethyl	2-trifluoromethyl	H
ethylamino	butyl	ethyl	3-trifluoromethyl	H
ethylamino	butyl	propyl	4-trifluoromethyl	H
ethylamino	butyl	benzoyl	2-fluoromethyl	H
ethylamino	butyl	methoxycarbonyl	3-fluoromethyl	H
ethylamino	butyl	ethoxycarbonyl	4-fluoromethyl	H
ethylamino	butyl	2-methoxyethyl	2-hydroxy	H
ethylamino	butyl	ethyl	3-hydroxy	H
ethylamino	butyl	propyl	4-hydroxy	H
ethylamino	butyl	benzoyl	4-(4-fluorobenzoyl)	H
ethylamino	butyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
ethylamino	butyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
ethylamino	butyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
ethylamino	butyl	ethyl	3-(4-methylbenzoyl)	H
ethylamino	butyl	propyl	2-(4-methylbenzoyl)	H
ethylamino	butyl	benzoyl	4-chloroacetyl	H
ethylamino	butyl	methoxycarbonyl	3-chloroacetyl	H
ethylamino	butyl	ethoxycarbonyl	2-chloroacetyl	H
ethylamino	butyl	2-methoxyethyl	4-ethoxycarbonyl	H
ethylamino	butyl	ethyl	3-ethoxycarbonyl	H
ethylamino	butyl	propyl	2-ethoxycarbonyl	H
ethylamino	butyl	benzoyl	4-carboxy	H
ethylamino	butyl	methoxycarbonyl	3-carboxy	H
ethylamino	butyl	ethoxycarbonyl	2-carboxy	H
ethylamino	butyl	2-methoxyethyl	4-chloromethoxy	H
ethylamino	butyl	ethyl	3-chloromethoxy	H
ethylamino	butyl	propyl	2-chloromethoxy	H

続く

【表313】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	benzoyl	2-chloro	H
ethylamino	benzyl	methoxycarbonyl	3-chloro	H
ethylamino	benzyl	ethoxycarbonyl	4-chloro	H
ethylamino	benzyl	2-methoxyethyl	2-fluoro	H
ethylamino	benzyl	ethyl	3-fluoro	H
ethylamino	benzyl	propyl	4-fluoro	H
ethylamino	benzyl	benzoyl	2-bromo	H
ethylamino	benzyl	methoxycarbonyl	3-bromo	H
ethylamino	benzyl	ethoxycarbonyl	4-bromo	H
ethylamino	benzyl	2-methoxyethyl	2-nitro	H
ethylamino	benzyl	ethyl	3-nitro	H
ethylamino	benzyl	propyl	4-nitro	H
ethylamino	benzyl	benzoyl	2-methoxy	H
ethylamino	benzyl	methoxycarbonyl	3-methoxy	H
ethylamino	benzyl	ethoxycarbonyl	4-methoxy	H
ethylamino	benzyl	2-methoxyethyl	2-chloro	4-chloro
ethylamino	benzyl	ethyl	3-chloro	4-chloro
ethylamino	benzyl	propyl	2-fluoro	4-fluoro
ethylamino	benzyl	benzoyl	3-fluoro	4-fluoro
ethylamino	benzyl	methoxycarbonyl	2-bromo	4-bromo
ethylamino	benzyl	ethoxycarbonyl	3-bromo	4-bromo
ethylamino	benzyl	2-methoxyethyl	2-methoxy	4-methoxy
ethylamino	benzyl	ethyl	3-methoxy	4-methoxy
ethylamino	benzyl	propyl	2-acetyl	H
ethylamino	benzyl	benzoyl	3-acetyl	H
ethylamino	benzyl	methoxycarbonyl	4-acetyl	H
ethylamino	benzyl	ethoxycarbonyl	2-benzoyl	H
ethylamino	benzyl	2-methoxyethyl	3-benzoyl	H
ethylamino	benzyl	ethyl	4-benzoyl	H
ethylamino	benzyl	propyl	2-cyano	H
ethylamino	benzyl	benzoyl	3-cyano	H
ethylamino	benzyl	methoxycarbonyl	4-cyano	H
ethylamino	benzyl	ethoxycarbonyl	2-carbamoyl	H
ethylamino	benzyl	2-methoxyethyl	3-carbamoyl	H
ethylamino	benzyl	ethyl	4-carbamoyl	H
ethylamino	benzyl	propyl	2-dimethylcarbamoyl	H
ethylamino	benzyl	benzoyl	3-dimethylcarbamoyl	H
ethylamino	benzyl	methoxycarbonyl	4-dimethylcarbamoyl	H
ethylamino	benzyl	ethoxycarbonyl	2-methylcarbamoyl	H
ethylamino	benzyl	2-methoxyethyl	3-methylcarbamoyl	H

続く

【表314】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	benzyl	ethyl	4-methylcarbonyl	H
ethylamino	benzyl	propyl	2-methoxycarbonyl	H
ethylamino	benzyl	benzoyl	3-methoxycarbonyl	H
ethylamino	benzyl	methoxycarbonyl	4-methoxycarbonyl	H
ethylamino	benzyl	ethoxycarbonyl	2-amino	H
ethylamino	benzyl	2-methoxyethyl	3-amino	H
ethylamino	benzyl	ethyl	4-amino	H
ethylamino	benzyl	propyl	2-methylamino	H
ethylamino	benzyl	benzoyl	3-methylamino	H
ethylamino	benzyl	methoxycarbonyl	4-methylamino	H
ethylamino	benzyl	ethoxycarbonyl	2-dimethylamino	H
ethylamino	benzyl	2-methoxyethyl	3-dimethylamino	H
ethylamino	benzyl	ethyl	4-dimethylamino	H
ethylamino	benzyl	propyl	2-trifluoromethyl	H
ethylamino	benzyl	benzoyl	3-trifluoromethyl	H
ethylamino	benzyl	methoxycarbonyl	4-trifluoromethyl	H
ethylamino	benzyl	ethoxycarbonyl	2-fluoromethyl	H
ethylamino	benzyl	2-methoxyethyl	3-fluoromethyl	H
ethylamino	benzyl	ethyl	4-fluoromethyl	H
ethylamino	benzyl	propyl	2-hydroxy	H
ethylamino	benzyl	benzoyl	3-hydroxy	H
ethylamino	benzyl	methoxycarbonyl	4-hydroxy	H
ethylamino	benzyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
ethylamino	benzyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
ethylamino	benzyl	ethyl	2-(4-fluorobenzoyl)	H
ethylamino	benzyl	propyl	4-(4-methylbenzoyl)	H
ethylamino	benzyl	benzoyl	3-(4-methylbenzoyl)	H
ethylamino	benzyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
ethylamino	benzyl	ethoxycarbonyl	4-chloroacetyl	H
ethylamino	benzyl	2-methoxyethyl	3-chloroacetyl	H
ethylamino	benzyl	ethyl	2-chloroacetyl	H
ethylamino	benzyl	propyl	4-ethoxycarbonyl	H
ethylamino	benzyl	benzoyl	3-ethoxycarbonyl	H
ethylamino	benzyl	methoxycarbonyl	2-ethoxycarbonyl	H
ethylamino	benzyl	ethoxycarbonyl	4-carboxy	H
ethylamino	benzyl	2-methoxyethyl	3-carboxy	H
ethylamino	benzyl	ethyl	2-carboxy	H
ethylamino	benzyl	propyl	4-chloromethoxy	H
ethylamino	benzyl	benzoyl	3-chloromethoxy	H
ethylamino	benzyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表315】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloro	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	3-chloro	H
ethylamino	cyclohexylmethyl	ethyl	4-chloro	H
ethylamino	cyclohexylmethyl	propyl	2-fluoro	H
ethylamino	cyclohexylmethyl	benzoyl	3-fluoro	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	4-fluoro	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	2-bromo	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	3-bromo	H
ethylamino	cyclohexylmethyl	ethyl	4-bromo	H
ethylamino	cyclohexylmethyl	propyl	2-nitro	H
ethylamino	cyclohexylmethyl	benzoyl	3-nitro	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	4-nitro	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	2-methoxy	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	3-methoxy	H
ethylamino	cyclohexylmethyl	ethyl	4-methoxy	H
ethylamino	cyclohexylmethyl	propyl	2-chloro	4-chloro
ethylamino	cyclohexylmethyl	benzoyl	3-chloro	4-chloro
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-fluoro	4-fluoro
ethylamino	cyclohexylmethyl	2-methoxyethyl	2-bromo	4-bromo
ethylamino	cyclohexylmethyl	ethyl	3-bromo	4-bromo
ethylamino	cyclohexylmethyl	propyl	2-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	benzoyl	3-methoxy	4-methoxy
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-acetyl	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-acetyl	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-acetyl	H
ethylamino	cyclohexylmethyl	ethyl	2-benzoyl	H
ethylamino	cyclohexylmethyl	propyl	3-benzoyl	H
ethylamino	cyclohexylmethyl	benzoyl	4-benzoyl	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-cyano	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-cyano	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-cyano	H
ethylamino	cyclohexylmethyl	ethyl	2-carbamoyl	H
ethylamino	cyclohexylmethyl	propyl	3-carbamoyl	H
ethylamino	cyclohexylmethyl	benzoyl	4-carbamoyl	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-dimethylcarbamoyl	H
ethylamino	cyclohexylmethyl	ethyl	2-methylcarbamoyl	H
ethylamino	cyclohexylmethyl	propyl	3-methylcarbamoyl	H

続<

【表316】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	cyclohexylmethyl	benzoyl	4-methylcarbomoyl	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-methoxycarbonyl	H
ethylamino	cyclohexylmethyl	ethyl	2-amino	H
ethylamino	cyclohexylmethyl	propyl	3-amino	H
ethylamino	cyclohexylmethyl	benzoyl	4-amino	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-methylamino	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-methylamino	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-methylamino	H
ethylamino	cyclohexylmethyl	ethyl	2-dimethylamino	H
ethylamino	cyclohexylmethyl	propyl	3-dimethylamino	H
ethylamino	cyclohexylmethyl	benzoyl	4-dimethylamino	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-trifluoromethyl	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-trifluoromethyl	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-trifluoromethyl	H
ethylamino	cyclohexylmethyl	ethyl	2-fluoromethyl	H
ethylamino	cyclohexylmethyl	propyl	3-fluoromethyl	H
ethylamino	cyclohexylmethyl	benzoyl	4-fluoromethyl	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	2-hydroxy	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-hydroxy	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	4-hydroxy	H
ethylamino	cyclohexylmethyl	ethyl	4-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	propyl	3-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	benzoyl	2-(4-fluorobenzoyl)	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
ethylamino	cyclohexylmethyl	ethyl	4-chloroacetyl	H
ethylamino	cyclohexylmethyl	propyl	3-chloroacetyl	H
ethylamino	cyclohexylmethyl	benzoyl	2-chloroacetyl	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	4-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	2-ethoxycarbonyl	H
ethylamino	cyclohexylmethyl	ethyl	4-carboxy	H
ethylamino	cyclohexylmethyl	propyl	3-carboxy	H
ethylamino	cyclohexylmethyl	benzoyl	2-carboxy	H
ethylamino	cyclohexylmethyl	methoxycarbonyl	4-chloromethoxy	H
ethylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloromethoxy	H
ethylamino	cyclohexylmethyl	2-methoxyethyl	2-chloromethoxy	H

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【表317】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	H	ethyl	H	H
propylamino	methyl	propyl	H	H
propylamino	ethyl	benzoyl	H	H
propylamino	propyl	methoxycarbonyl	H	H
propylamino	methylethyl	ethoxycarbonyl	H	H
propylamino	butyl	2-methoxyethyl	H	H
propylamino	1-methylpropyl	ethyl	H	H
propylamino	2-methylpropyl	propyl	H	H
propylamino	dimethylethyl	benzoyl	H	H
propylamino	pentyl	methoxycarbonyl	H	H
propylamino	1-methylbutyl	ethoxycarbonyl	H	H
propylamino	2-methylbutyl	2-methoxyethyl	H	H
propylamino	1,1-dimethylpropyl	ethyl	H	H
propylamino	1,2-dimethylpropyl	propyl	H	H
propylamino	2,2-dimethylpropyl	benzoyl	H	H
propylamino	hexyl	methoxycarbonyl	H	H
propylamino	1-methylpentyl	ethoxycarbonyl	H	H
propylamino	2-methylpentyl	2-methoxyethyl	H	H
propylamino	3-methylpentyl	ethyl	H	H
propylamino	4-methylpentyl	propyl	H	H
propylamino	1,1-dimethylbutyl	benzoyl	H	H
propylamino	1,2-dimethylbutyl	methoxycarbonyl	H	H
propylamino	1,3-dimethylbutyl	ethoxycarbonyl	H	H
propylamino	2,2-dimethylbutyl	2-methoxyethyl	H	H
propylamino	2,3-dimethylbutyl	ethyl	H	H
propylamino	3,3-dimethylbutyl	propyl	H	H
propylamino	1-ethylbutyl	benzoyl	H	H
propylamino	2-ethylbutyl	methoxycarbonyl	H	H
propylamino	1,1,2-trimethylpropyl	ethoxycarbonyl	H	H
propylamino	heptyl	2-methoxyethyl	H	H
propylamino	cyclopropyl	ethyl	H	H
propylamino	cyclopentyl	propyl	H	H
propylamino	cyclohexyl	benzoyl	H	H
propylamino	cycloheptyl	methoxycarbonyl	H	H
propylamino	cyclopropylmethyl	ethoxycarbonyl	H	H
propylamino	cyclopentylmethyl	2-methoxyethyl	H	H
propylamino	cyclohexylmethyl	ethyl	H	H
propylamino	cycloheptylmethyl	propyl	H	H
propylamino	2-methoxyethyl	benzoyl	H	H
propylamino	3-methoxypropyl	methoxycarbonyl	H	H

続<

【表318】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	4-methoxybutyl	ethoxycarbonyl	H	H
propylamino	5-ethoxypentyl	2-methoxyethyl	H	H
propylamino	2-ethoxyethyl	ethyl	H	H
propylamino	3-ethoxypropyl	propyl	H	H
propylamino	4-ethoxybutyl	benzoyl	H	H
propylamino	2-carboxyethyl	methoxycarbonyl	H	H
propylamino	3-carboxypropyl	ethoxycarbonyl	H	H
propylamino	4-carboxybutyl	2-methoxyethyl	H	H
propylamino	5-carboxypentyl	ethyl	H	H
propylamino	2-hydroxyethyl	propyl	H	H
propylamino	3-hydroxypropyl	benzoyl	H	H
propylamino	4-hydroxybutyl	methoxycarbonyl	H	H
propylamino	5-hydroxypentyl	ethoxycarbonyl	H	H
propylamino	2-methoxycarbonylethyl	2-methoxyethyl	H	H
propylamino	3-methoxycarbonylpropyl	ethyl	H	H
propylamino	4-methoxycarbonylbutyl	propyl	H	H
propylamino	5-methoxycarbonylpentyl	benzoyl	H	H
propylamino	2-aminoethyl	methoxycarbonyl	H	H
propylamino	3-aminopropyl	ethoxycarbonyl	H	H
propylamino	4-aminobutyl	2-methoxyethyl	H	H
propylamino	5-aminopentyl	ethyl	H	H
propylamino	6-aminopentyl	propyl	H	H
propylamino	2-chloroethyl	benzoyl	H	H
propylamino	3-chloropropyl	methoxycarbonyl	H	H
propylamino	4-chlorobutyl	ethoxycarbonyl	H	H
propylamino	5-chloropentyl	2-methoxyethyl	H	H
propylamino	6-chlorohexyl	ethyl	H	H
propylamino	2-fluoroethyl	propyl	H	H
propylamino	3-fluoropropyl	benzoyl	H	H
propylamino	4-fluorobutyl	methoxycarbonyl	H	H
propylamino	5-fluoropentyl	ethoxycarbonyl	H	H
propylamino	6-fluorohexyl	2-methoxyethyl	H	H
propylamino	2-carbamoylethyl	ethyl	H	H
propylamino	3-carbamoylpropyl	propyl	H	H
propylamino	4-carbamoylbutyl	benzoyl	H	H
propylamino	5-carbamoylpentyl	methoxycarbonyl	H	H
propylamino	6-carbamoylhexyl	ethoxycarbonyl	H	H
propylamino	3-methylcarbamoylpropyl	2-methoxyethyl	H	H
propylamino	4-methylcarbamoylbutyl	ethyl	H	H
propylamino	5-methylcarbamoylpentyl	propyl	H	H

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[表319]

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	benzoyl	H	H
propylamino	2-phenylethyl	methoxycarbonyl	H	H
propylamino	4-fluorobenzyl	ethoxycarbonyl	H	H
propylamino	3-fluorobenzyl	2-methoxyethyl	H	H
propylamino	4-chlorobenzyl	ethyl	H	H
propylamino	3-chlorobenzyl	propyl	H	H
propylamino	4-methoxybenzyl	benzoyl	H	H
propylamino	3-methoxybenzyl	methoxycarbonyl	H	H
propylamino	4-hydroxybenzyl	ethoxycarbonyl	H	H
propylamino	3-hydroxybenzyl	2-methoxyethyl	H	H
propylamino	4-methylbenzyl	ethyl	H	H
propylamino	3-methylbenzyl	propyl	H	H
propylamino	4-aminobenzyl	benzoyl	H	H
propylamino	3-aminobenzyl	methoxycarbonyl	H	H
propylamino	4-dimethylaminobenzyl	ethoxycarbonyl	H	H
propylamino	3-dimethylaminobenzyl	2-methoxyethyl	H	H
propylamino	4-carbamoylbenzyl	ethyl	H	H
propylamino	3-carbamoylbenzyl	propyl	H	H
propylamino	4-methylcarbamoylbenzyl	benzoyl	H	H
propylamino	3-methylcarbamoylbenzyl	methoxycarbonyl	H	H
propylamino	4-cyanobenzyl	ethoxycarbonyl	H	H
propylamino	4-phenoxybenzyl	2-methoxyethyl	H	H
propylamino	phenyl	ethyl	H	H
propylamino	4-fluorophenyl	propyl	H	H
propylamino	3-fluorophenyl	benzoyl	H	H
propylamino	4-chlorophenyl	methoxycarbonyl	H	H
propylamino	3-methoxyphenyl	ethoxycarbonyl	H	H
propylamino	3-hydroxyphenyl	2-methoxyethyl	H	H
propylamino	4-methylphenyl	ethyl	H	H
propylamino	3-methylphenyl	propyl	H	H
propylamino	4-aminophenyl	benzoyl	H	H
propylamino	3-aminophenyl	methoxycarbonyl	H	H
propylamino	3-dimethylaminophenyl	ethoxycarbonyl	H	H
propylamino	4-dimethylaminophenyl	2-methoxyethyl	H	H
propylamino	3-carbamoylphenyl	ethyl	H	H
propylamino	4-carbamoylphenyl	propyl	H	H
propylamino	3-cyanophenyl	benzoyl	H	H
propylamino	4-cyanophenyl	methoxycarbonyl	H	H
propylamino	3-phenoxyphenyl	ethoxycarbonyl	H	H
propylamino	4-phenoxyphenyl	2-methoxyethyl	H	H

続<

【表320】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	ethyl	2-chloro	H
propylamino	methyl	propyl	3-chloro	H
propylamino	methyl	benzoyl	4-chloro	H
propylamino	methyl	methoxycarbonyl	2-fluoro	H
propylamino	methyl	ethoxycarbonyl	3-fluoro	H
propylamino	methyl	2-methoxyethyl	4-fluoro	H
propylamino	methyl	ethyl	2-bromo	H
propylamino	methyl	propyl	3-bromo	H
propylamino	methyl	benzoyl	4-bromo	H
propylamino	methyl	methoxycarbonyl	2-nitro	H
propylamino	methyl	ethoxycarbonyl	3-nitro	H
propylamino	methyl	2-methoxyethyl	4-nitro	H
propylamino	methyl	ethyl	2-methoxy	H
propylamino	methyl	propyl	3-methoxy	H
propylamino	methyl	benzoyl	4-methoxy	H
propylamino	methyl	methoxycarbonyl	2-chloro	4-chloro
propylamino	methyl	ethoxycarbonyl	3-chloro	4-chloro
propylamino	methyl	2-methoxyethyl	2-fluoro	4-fluoro
propylamino	methyl	ethyl	3-fluoro	4-fluoro
propylamino	methyl	propyl	2-bromo	4-bromo
propylamino	methyl	benzoyl	3-bromo	4-bromo
propylamino	methyl	methoxycarbonyl	2-methoxy	4-methoxy
propylamino	methyl	ethoxycarbonyl	3-methoxy	4-methoxy
propylamino	methyl	2-methoxyethyl	2-acetyl	H
propylamino	methyl	ethyl	3-acetyl	H
propylamino	methyl	propyl	4-acetyl	H
propylamino	methyl	benzoyl	2-benzoyl	H
propylamino	methyl	methoxycarbonyl	3-benzoyl	H
propylamino	methyl	ethoxycarbonyl	4-benzoyl	H
propylamino	methyl	2-methoxyethyl	2-cyano	H
propylamino	methyl	ethyl	3-cyano	H
propylamino	methyl	propyl	4-cyano	H
propylamino	methyl	benzoyl	2-carbamoyl	H
propylamino	methyl	methoxycarbonyl	3-carbamoyl	H
propylamino	methyl	ethoxycarbonyl	4-carbamoyl	H
propylamino	methyl	2-methoxyethyl	2-dimethylcarbamoyl	H
propylamino	methyl	ethyl	3-dimethylcarbamoyl	H
propylamino	methyl	propyl	4-dimethylcarbamoyl	H
propylamino	methyl	benzoyl	2-methylcarbamoyl	H
propylamino	methyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【0077】

【表321】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	methyl	ethoxycarbonyl	4-methylcarbamoyl	H
propylamino	methyl	2-methoxyethyl	2-methoxycarbonyl	H
propylamino	methyl	ethyl	3-methoxycarbonyl	H
propylamino	methyl	propyl	4-methoxycarbonyl	H
propylamino	methyl	benzoyl	2-amino	H
propylamino	methyl	methoxycarbonyl	3-amino	H
propylamino	methyl	ethoxycarbonyl	4-amino	H
propylamino	methyl	2-methoxyethyl	2-methylamino	H
propylamino	methyl	ethyl	3-methylamino	H
propylamino	methyl	propyl	4-methylamino	H
propylamino	methyl	benzoyl	2-dimethylamino	H
propylamino	methyl	methoxycarbonyl	3-dimethylamino	H
propylamino	methyl	ethoxycarbonyl	4-dimethylamino	H
propylamino	methyl	2-methoxyethyl	2-trifluoromethyl	H
propylamino	methyl	ethyl	3-trifluoromethyl	H
propylamino	methyl	propyl	4-trifluoromethyl	H
propylamino	methyl	benzoyl	2-fluoromethyl	H
propylamino	methyl	methoxycarbonyl	3-fluoromethyl	H
propylamino	methyl	ethoxycarbonyl	4-fluoromethyl	H
propylamino	methyl	2-methoxyethyl	2-hydroxy	H
propylamino	methyl	ethyl	3-hydroxy	H
propylamino	methyl	propyl	4-hydroxy	H
propylamino	methyl	benzoyl	4-(4-fluorobenzoyl)	H
propylamino	methyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
propylamino	methyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
propylamino	methyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
propylamino	methyl	ethyl	3-(4-methylbenzoyl)	H
propylamino	methyl	propyl	2-(4-methylbenzoyl)	H
propylamino	methyl	benzoyl	4-chloroacetyl	H
propylamino	methyl	methoxycarbonyl	3-chloroacetyl	H
propylamino	methyl	ethoxycarbonyl	2-chloroacetyl	H
propylamino	methyl	2-methoxyethyl	4-ethoxycarbonyl	H
propylamino	methyl	ethyl	3-ethoxycarbonyl	H
propylamino	methyl	propyl	2-ethoxycarbonyl	H
propylamino	methyl	benzoyl	4-carboxy	H
propylamino	methyl	methoxycarbonyl	3-carboxy	H
propylamino	methyl	ethoxycarbonyl	2-carboxy	H
propylamino	methyl	2-methoxyethyl	4-chloromethoxy	H
propylamino	methyl	ethyl	3-chloromethoxy	H
propylamino	methyl	propyl	2-chloromethoxy	H

続<

【表322】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	benzoyl	2-chloro	H
propylamino	ethyl	methoxycarbonyl	3-chloro	H
propylamino	ethyl	ethoxycarbonyl	4-chloro	H
propylamino	ethyl	2-methoxyethyl	2-fluoro	H
propylamino	ethyl	ethyl	3-fluoro	H
propylamino	ethyl	propyl	4-fluoro	H
propylamino	ethyl	benzoyl	2-bromo	H
propylamino	ethyl	methoxycarbonyl	3-bromo	H
propylamino	ethyl	ethoxycarbonyl	4-bromo	H
propylamino	ethyl	2-methoxyethyl	2-nitro	H
propylamino	ethyl	ethyl	3-nitro	H
propylamino	ethyl	propyl	4-nitro	H
propylamino	ethyl	benzoyl	2-methoxy	H
propylamino	ethyl	methoxycarbonyl	3-methoxy	H
propylamino	ethyl	ethoxycarbonyl	4-methoxy	H
propylamino	ethyl	2-methoxyethyl	2-chloro	4-chloro
propylamino	ethyl	ethyl	3-chloro	4-chloro
propylamino	ethyl	propyl	2-fluoro	4-fluoro
propylamino	ethyl	benzoyl	3-fluoro	4-fluoro
propylamino	ethyl	methoxycarbonyl	2-bromo	4-bromo
propylamino	ethyl	ethoxycarbonyl	3-bromo	4-bromo
propylamino	ethyl	2-methoxyethyl	2-methoxy	4-methoxy
propylamino	ethyl	ethyl	3-methoxy	4-methoxy
propylamino	ethyl	propyl	2-acetyl	H
propylamino	ethyl	benzoyl	3-acetyl	H
propylamino	ethyl	methoxycarbonyl	4-acetyl	H
propylamino	ethyl	ethoxycarbonyl	2-benzoyl	H
propylamino	ethyl	2-methoxyethyl	3-benzoyl	H
propylamino	ethyl	ethyl	4-benzoyl	H
propylamino	ethyl	propyl	2-cyano	H
propylamino	ethyl	benzoyl	3-cyano	H
propylamino	ethyl	methoxycarbonyl	4-cyano	H
propylamino	ethyl	ethoxycarbonyl	2-carbamoyl	H
propylamino	ethyl	2-methoxyethyl	3-carbamoyl	H
propylamino	ethyl	ethyl	4-carbamoyl	H
propylamino	ethyl	propyl	2-dimethylcarbamoyl	H
propylamino	ethyl	benzoyl	3-dimethylcarbamoyl	H
propylamino	ethyl	methoxycarbonyl	4-dimethylcarbamoyl	H
propylamino	ethyl	ethoxycarbonyl	2-methylcarbamoyl	H
propylamino	ethyl	2-methoxyethyl	3-methylcarbamoyl	H

続く

【表 323】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	ethyl	ethyl	4-methylcarbonyl	H
propylamino	ethyl	propyl	2-methoxycarbonyl	H
propylamino	ethyl	benzoyl	3-methoxycarbonyl	H
propylamino	ethyl	methoxycarbonyl	4-methoxycarbonyl	H
propylamino	ethyl	ethoxycarbonyl	2-amino	H
propylamino	ethyl	2-methoxyethyl	3-amino	H
propylamino	ethyl	ethyl	4-amino	H
propylamino	ethyl	propyl	2-methylamino	H
propylamino	ethyl	benzoyl	3-methylamino	H
propylamino	ethyl	methoxycarbonyl	4-methylamino	H
propylamino	ethyl	ethoxycarbonyl	2-dimethylamino	H
propylamino	ethyl	2-methoxyethyl	3-dimethylamino	H
propylamino	ethyl	ethyl	4-dimethylamino	H
propylamino	ethyl	propyl	2-trifluoromethyl	H
propylamino	ethyl	benzoyl	3-trifluoromethyl	H
propylamino	ethyl	methoxycarbonyl	4-trifluoromethyl	H
propylamino	ethyl	ethoxycarbonyl	2-fluoromethyl	H
propylamino	ethyl	2-methoxyethyl	3-fluoromethyl	H
propylamino	ethyl	ethyl	4-fluoromethyl	H
propylamino	ethyl	propyl	2-hydroxy	H
propylamino	ethyl	benzoyl	3-hydroxy	H
propylamino	ethyl	methoxycarbonyl	4-hydroxy	H
propylamino	ethyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
propylamino	ethyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
propylamino	ethyl	ethyl	2-(4-fluorobenzoyl)	H
propylamino	ethyl	propyl	4-(4-methylbenzoyl)	H
propylamino	ethyl	benzoyl	3-(4-methylbenzoyl)	H
propylamino	ethyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
propylamino	ethyl	ethoxycarbonyl	4-chloroacetyl	H
propylamino	ethyl	2-methoxyethyl	3-chloroacetyl	H
propylamino	ethyl	ethyl	2-chloroacetyl	H
propylamino	ethyl	propyl	4-ethoxycarbonyl	H
propylamino	ethyl	benzoyl	3-ethoxycarbonyl	H
propylamino	ethyl	methoxycarbonyl	2-ethoxycarbonyl	H
propylamino	ethyl	ethoxycarbonyl	4-carboxy	H
propylamino	ethyl	2-methoxyethyl	3-carboxy	H
propylamino	ethyl	ethyl	2-carboxy	H
propylamino	ethyl	propyl	4-chloromethoxy	H
propylamino	ethyl	benzoyl	3-chloromethoxy	H
propylamino	ethyl	methoxycarbonyl	2-chloromethoxy	H

続

[表 3 2 4]

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	ethoxycarbonyl	2-chloro	H
propylamino	propyl	2-methoxyethyl	3-chloro	H
propylamino	propyl	ethyl	4-chloro	H
propylamino	propyl	propyl	2-fluoro	H
propylamino	propyl	benzoyl	3-fluoro	H
propylamino	propyl	methoxycarbonyl	4-fluoro	H
propylamino	propyl	ethoxycarbonyl	2-bromo	H
propylamino	propyl	2-methoxyethyl	3-bromo	H
propylamino	propyl	ethyl	4-bromo	H
propylamino	propyl	propyl	2-nitro	H
propylamino	propyl	benzoyl	3-nitro	H
propylamino	propyl	methoxycarbonyl	4-nitro	H
propylamino	propyl	ethoxycarbonyl	2-methoxy	H
propylamino	propyl	2-methoxyethyl	3-methoxy	H
propylamino	propyl	ethyl	4-methoxy	H
propylamino	propyl	propyl	2-chloro	4-chloro
propylamino	propyl	benzoyl	3-chloro	4-chloro
propylamino	propyl	methoxycarbonyl	2-fluoro	4-fluoro
propylamino	propyl	ethoxycarbonyl	3-fluoro	4-fluoro
propylamino	propyl	2-methoxyethyl	2-bromo	4-bromo
propylamino	propyl	ethyl	3-bromo	4-bromo
propylamino	propyl	propyl	2-methoxy	4-methoxy
propylamino	propyl	benzoyl	3-methoxy	4-methoxy
propylamino	propyl	methoxycarbonyl	2-acetyl	H
propylamino	propyl	ethoxycarbonyl	3-acetyl	H
propylamino	propyl	2-methoxyethyl	4-acetyl	H
propylamino	propyl	ethyl	2-benzoyl	H
propylamino	propyl	propyl	3-benzoyl	H
propylamino	propyl	benzoyl	4-benzoyl	H
propylamino	propyl	methoxycarbonyl	2-cyano	H
propylamino	propyl	ethoxycarbonyl	3-cyano	H
propylamino	propyl	2-methoxyethyl	4-cyano	H
propylamino	propyl	ethyl	2-carbamoyl	H
propylamino	propyl	propyl	3-carbamoyl	H
propylamino	propyl	benzoyl	4-carbamoyl	H
propylamino	propyl	methoxycarbonyl	2-dimethylcarbamoyl	H
propylamino	propyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
propylamino	propyl	2-methoxyethyl	4-dimethylcarbamoyl	H
propylamino	propyl	ethyl	2-methylcarbamoyl	H
propylamino	propyl	propyl	3-methylcarbamoyl	H

続く

【表325】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	propyl	benzoyl	4-methylcarbamoyl	H
propylamino	propyl	methoxycarbonyl	2-methoxycarbonyl	H
propylamino	propyl	ethoxycarbonyl	3-methoxycarbonyl	H
propylamino	propyl	2-methoxyethyl	4-methoxycarbonyl	H
propylamino	propyl	ethyl	2-amino	H
propylamino	propyl	propyl	3-amino	H
propylamino	propyl	benzoyl	4-amino	H
propylamino	propyl	methoxycarbonyl	2-methylamino	H
propylamino	propyl	ethoxycarbonyl	3-methylamino	H
propylamino	propyl	2-methoxyethyl	4-methylamino	H
propylamino	propyl	ethyl	2-dimethylamino	H
propylamino	propyl	propyl	3-dimethylamino	H
propylamino	propyl	benzoyl	4-dimethylamino	H
propylamino	propyl	methoxycarbonyl	2-trifluoromethyl	H
propylamino	propyl	ethoxycarbonyl	3-trifluoromethyl	H
propylamino	propyl	2-methoxyethyl	4-trifluoromethyl	H
propylamino	propyl	ethyl	2-fluoromethyl	H
propylamino	propyl	propyl	3-fluoromethyl	H
propylamino	propyl	benzoyl	4-fluoromethyl	H
propylamino	propyl	methoxycarbonyl	2-hydroxy	H
propylamino	propyl	ethoxycarbonyl	3-hydroxy	H
propylamino	propyl	2-methoxyethyl	4-hydroxy	H
propylamino	propyl	ethyl	4-(4-fluorobenzoyl)	H
propylamino	propyl	propyl	3-(4-fluorobenzoyl)	H
propylamino	propyl	benzoyl	2-(4-fluorobenzoyl)	H
propylamino	propyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
propylamino	propyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
propylamino	propyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
propylamino	propyl	ethyl	4-chloroacetyl	H
propylamino	propyl	propyl	3-chloroacetyl	H
propylamino	propyl	benzoyl	2-chloroacetyl	H
propylamino	propyl	methoxycarbonyl	4-ethoxycarbonyl	H
propylamino	propyl	ethoxycarbonyl	3-ethoxycarbonyl	H
propylamino	propyl	2-methoxyethyl	2-ethoxycarbonyl	H
propylamino	propyl	ethyl	4-carboxy	H
propylamino	propyl	propyl	3-carboxy	H
propylamino	propyl	benzoyl	2-carboxy	H
propylamino	propyl	methoxycarbonyl	4-chloromethoxy	H
propylamino	propyl	ethoxycarbonyl	3-chloromethoxy	H
propylamino	propyl	2-methoxyethyl	2-chloromethoxy	H

続<

【表326】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	ethyl	2-chloro	H
propylamino	butyl	propyl	3-chloro	H
propylamino	butyl	benzoyl	4-chloro	H
propylamino	butyl	methoxycarbonyl	2-fluoro	H
propylamino	butyl	ethoxycarbonyl	3-fluoro	H
propylamino	butyl	2-methoxyethyl	4-fluoro	H
propylamino	butyl	ethyl	2-bromo	H
propylamino	butyl	propyl	3-bromo	H
propylamino	butyl	benzoyl	4-bromo	H
propylamino	butyl	methoxycarbonyl	2-nitro	H
propylamino	butyl	ethoxycarbonyl	3-nitro	H
propylamino	butyl	2-methoxyethyl	4-nitro	H
propylamino	butyl	ethyl	2-methoxy	H
propylamino	butyl	propyl	3-methoxy	H
propylamino	butyl	benzoyl	4-methoxy	H
propylamino	butyl	methoxycarbonyl	2-chloro	4-chloro
propylamino	butyl	ethoxycarbonyl	3-chloro	4-chloro
propylamino	butyl	2-methoxyethyl	2-fluoro	4-fluoro
propylamino	butyl	ethyl	3-fluoro	4-fluoro
propylamino	butyl	propyl	2-bromo	4-bromo
propylamino	butyl	benzoyl	3-bromo	4-bromo
propylamino	butyl	methoxycarbonyl	2-methoxy	4-methoxy
propylamino	butyl	ethoxycarbonyl	3-methoxy	4-methoxy
propylamino	butyl	2-methoxyethyl	2-acetyl	H
propylamino	butyl	ethyl	3-acetyl	H
propylamino	butyl	propyl	4-acetyl	H
propylamino	butyl	benzoyl	2-benzoyl	H
propylamino	butyl	methoxycarbonyl	3-benzoyl	H
propylamino	butyl	ethoxycarbonyl	4-benzoyl	H
propylamino	butyl	2-methoxyethyl	2-cyano	H
propylamino	butyl	ethyl	3-cyano	H
propylamino	butyl	propyl	4-cyano	H
propylamino	butyl	benzoyl	2-carbamoyl	H
propylamino	butyl	methoxycarbonyl	3-carbamoyl	H
propylamino	butyl	ethoxycarbonyl	4-carbamoyl	H
propylamino	butyl	2-methoxyethyl	2-dimethylcarbamoyl	H
propylamino	butyl	ethyl	3-dimethylcarbamoyl	H
propylamino	butyl	propyl	4-dimethylcarbamoyl	H
propylamino	butyl	benzoyl	2-methylcarbamoyl	H
propylamino	butyl	methoxycarbonyl	3-methylcarbamoyl	H

続く

【表 327】

表 1 の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	butyl	ethoxycarbonyl	4-methylcarbamoyl	H
propylamino	butyl	2-methoxyethyl	2-methoxycarbonyl	H
propylamino	butyl	ethyl	3-methoxycarbonyl	H
propylamino	butyl	propyl	4-methoxycarbonyl	H
propylamino	butyl	benzoyl	2-amino	H
propylamino	butyl	methoxycarbonyl	3-amino	H
propylamino	butyl	ethoxycarbonyl	4-amino	H
propylamino	butyl	2-methoxyethyl	2-methylamino	H
propylamino	butyl	ethyl	3-methylamino	H
propylamino	butyl	propyl	4-methylamino	H
propylamino	butyl	benzoyl	2-dimethylamino	H
propylamino	butyl	methoxycarbonyl	3-dimethylamino	H
propylamino	butyl	ethoxycarbonyl	4-dimethylamino	H
propylamino	butyl	2-methoxyethyl	2-trifluoromethyl	H
propylamino	butyl	ethyl	3-trifluoromethyl	H
propylamino	butyl	propyl	4-trifluoromethyl	H
propylamino	butyl	benzoyl	2-fluoromethyl	H
propylamino	butyl	methoxycarbonyl	3-fluoromethyl	H
propylamino	butyl	ethoxycarbonyl	4-fluoromethyl	H
propylamino	butyl	2-methoxyethyl	2-hydroxy	H
propylamino	butyl	ethyl	3-hydroxy	H
propylamino	butyl	propyl	4-hydroxy	H
propylamino	butyl	benzoyl	4-(4-fluorobenzoyl)	H
propylamino	butyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
propylamino	butyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
propylamino	butyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
propylamino	butyl	ethyl	3-(4-methylbenzoyl)	H
propylamino	butyl	propyl	2-(4-methylbenzoyl)	H
propylamino	butyl	benzoyl	4-chloroacetyl	H
propylamino	butyl	methoxycarbonyl	3-chloroacetyl	H
propylamino	butyl	ethoxycarbonyl	2-chloroacetyl	H
propylamino	butyl	2-methoxyethyl	4-ethoxycarbonyl	H
propylamino	butyl	ethyl	3-ethoxycarbonyl	H
propylamino	butyl	propyl	2-ethoxycarbonyl	H
propylamino	butyl	benzoyl	4-carboxy	H
propylamino	butyl	methoxycarbonyl	3-carboxy	H
propylamino	butyl	ethoxycarbonyl	2-carboxy	H
propylamino	butyl	2-methoxyethyl	4-chloromethoxy	H
propylamino	butyl	ethyl	3-chloromethoxy	H
propylamino	butyl	propyl	2-chloromethoxy	H

続く

【表328】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	benzoyl	2-chloro	H
propylamino	benzyl	methoxycarbonyl	3-chloro	H
propylamino	benzyl	ethoxycarbonyl	4-chloro	H
propylamino	benzyl	2-methoxyethyl	2-fluoro	H
propylamino	benzyl	ethyl	3-fluoro	H
propylamino	benzyl	propyl	4-fluoro	H
propylamino	benzyl	benzoyl	2-bromo	H
propylamino	benzyl	methoxycarbonyl	3-bromo	H
propylamino	benzyl	ethoxycarbonyl	4-bromo	H
propylamino	benzyl	2-methoxyethyl	2-nitro	H
propylamino	benzyl	ethyl	3-nitro	H
propylamino	benzyl	propyl	4-nitro	H
propylamino	benzyl	benzoyl	2-methoxy	H
propylamino	benzyl	methoxycarbonyl	3-methoxy	H
propylamino	benzyl	ethoxycarbonyl	4-methoxy	H
propylamino	benzyl	2-methoxyethyl	2-chloro	4-chloro
propylamino	benzyl	ethyl	3-chloro	4-chloro
propylamino	benzyl	propyl	2-fluoro	4-fluoro
propylamino	benzyl	benzoyl	3-fluoro	4-fluoro
propylamino	benzyl	methoxycarbonyl	2-bromo	4-bromo
propylamino	benzyl	ethoxycarbonyl	3-bromo	4-bromo
propylamino	benzyl	2-methoxyethyl	2-methoxy	4-methoxy
propylamino	benzyl	ethyl	3-methoxy	4-methoxy
propylamino	benzyl	propyl	2-acetyl	H
propylamino	benzyl	benzoyl	3-acetyl	H
propylamino	benzyl	methoxycarbonyl	4-acetyl	H
propylamino	benzyl	ethoxycarbonyl	2-benzoyl	H
propylamino	benzyl	2-methoxyethyl	3-benzoyl	H
propylamino	benzyl	ethyl	4-benzoyl	H
propylamino	benzyl	propyl	2-cyano	H
propylamino	benzyl	benzoyl	3-cyano	H
propylamino	benzyl	methoxycarbonyl	4-cyano	H
propylamino	benzyl	ethoxycarbonyl	2-carbamoyl	H
propylamino	benzyl	2-methoxyethyl	3-carbamoyl	H
propylamino	benzyl	ethyl	4-carbamoyl	H
propylamino	benzyl	propyl	2-dimethylcarbamoyl	H
propylamino	benzyl	benzoyl	3-dimethylcarbamoyl	H
propylamino	benzyl	methoxycarbonyl	4-dimethylcarbamoyl	H
propylamino	benzyl	ethoxycarbonyl	2-methylcarbamoyl	H
propylamino	benzyl	2-methoxyethyl	3-methylcarbamoyl	H

続く

【表329】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	benzyl	ethyl	4-methylcarbonyl	H
propylamino	benzyl	propyl	2-methoxycarbonyl	H
propylamino	benzyl	benzoyl	3-methoxycarbonyl	H
propylamino	benzyl	methoxycarbonyl	4-methoxycarbonyl	H
propylamino	benzyl	ethoxycarbonyl	2-amino	H
propylamino	benzyl	2-methoxyethyl	3-amino	H
propylamino	benzyl	ethyl	4-amino	H
propylamino	benzyl	propyl	2-methylamino	H
propylamino	benzyl	benzoyl	3-methylamino	H
propylamino	benzyl	methoxycarbonyl	4-methylamino	H
propylamino	benzyl	ethoxycarbonyl	2-dimethylamino	H
propylamino	benzyl	2-methoxyethyl	3-dimethylamino	H
propylamino	benzyl	ethyl	4-dimethylamino	H
propylamino	benzyl	propyl	2-trifluoromethyl	H
propylamino	benzyl	benzoyl	3-trifluoromethyl	H
propylamino	benzyl	methoxycarbonyl	4-trifluoromethyl	H
propylamino	benzyl	ethoxycarbonyl	2-fluoromethyl	H
propylamino	benzyl	2-methoxyethyl	3-fluoromethyl	H
propylamino	benzyl	ethyl	4-fluoromethyl	H
propylamino	benzyl	propyl	2-hydroxy	H
propylamino	benzyl	benzoyl	3-hydroxy	H
propylamino	benzyl	methoxycarbonyl	4-hydroxy	H
propylamino	benzyl	ethoxycarbonyl	4-(4-fluorobenzoyl)	H
propylamino	benzyl	2-methoxyethyl	3-(4-fluorobenzoyl)	H
propylamino	benzyl	ethyl	2-(4-fluorobenzoyl)	H
propylamino	benzyl	propyl	4-(4-methylbenzoyl)	H
propylamino	benzyl	benzoyl	3-(4-methylbenzoyl)	H
propylamino	benzyl	methoxycarbonyl	2-(4-methylbenzoyl)	H
propylamino	benzyl	ethoxycarbonyl	4-chloroacetyl	H
propylamino	benzyl	2-methoxyethyl	3-chloroacetyl	H
propylamino	benzyl	ethyl	2-chloroacetyl	H
propylamino	benzyl	propyl	4-ethoxycarbonyl	H
propylamino	benzyl	benzoyl	3-ethoxycarbonyl	H
propylamino	benzyl	methoxycarbonyl	2-ethoxycarbonyl	H
propylamino	benzyl	ethoxycarbonyl	4-carboxy	H
propylamino	benzyl	2-methoxyethyl	3-carboxy	H
propylamino	benzyl	ethyl	2-carboxy	H
propylamino	benzyl	propyl	4-chloromethoxy	H
propylamino	benzyl	benzoyl	3-chloromethoxy	H
propylamino	benzyl	methoxycarbonyl	2-chloromethoxy	H

続く

【表330】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloro	H
propylamino	cyclohexylmethyl	2-methoxyethyl	3-chloro	H
propylamino	cyclohexylmethyl	ethyl	4-chloro	H
propylamino	cyclohexylmethyl	propyl	2-fluoro	H
propylamino	cyclohexylmethyl	benzoyl	3-fluoro	H
propylamino	cyclohexylmethyl	methoxycarbonyl	4-fluoro	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	2-bromo	H
propylamino	cyclohexylmethyl	2-methoxyethyl	3-bromo	H
propylamino	cyclohexylmethyl	ethyl	4-bromo	H
propylamino	cyclohexylmethyl	propyl	2-nitro	H
propylamino	cyclohexylmethyl	benzoyl	3-nitro	H
propylamino	cyclohexylmethyl	methoxycarbonyl	4-nitro	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	2-methoxy	H
propylamino	cyclohexylmethyl	2-methoxyethyl	3-methoxy	H
propylamino	cyclohexylmethyl	ethyl	4-methoxy	H
propylamino	cyclohexylmethyl	propyl	2-chloro	4-chloro
propylamino	cyclohexylmethyl	benzoyl	3-chloro	4-chloro
propylamino	cyclohexylmethyl	methoxycarbonyl	2-fluoro	4-fluoro
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-fluoro	4-fluoro
propylamino	cyclohexylmethyl	2-methoxyethyl	2-bromo	4-bromo
propylamino	cyclohexylmethyl	ethyl	3-bromo	4-bromo
propylamino	cyclohexylmethyl	propyl	2-methoxy	4-methoxy
propylamino	cyclohexylmethyl	benzoyl	3-methoxy	4-methoxy
propylamino	cyclohexylmethyl	methoxycarbonyl	2-acetyl	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-acetyl	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-acetyl	H
propylamino	cyclohexylmethyl	ethyl	2-benzoyl	H
propylamino	cyclohexylmethyl	propyl	3-benzoyl	H
propylamino	cyclohexylmethyl	benzoyl	4-benzoyl	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-cyano	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-cyano	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-cyano	H
propylamino	cyclohexylmethyl	ethyl	2-carbamoyl	H
propylamino	cyclohexylmethyl	propyl	3-carbamoyl	H
propylamino	cyclohexylmethyl	benzoyl	4-carbamoyl	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-dimethylcarbamoyl	H
propylamino	cyclohexylmethyl	ethyl	2-methylcarbamoyl	H
propylamino	cyclohexylmethyl	propyl	3-methylcarbamoyl	H

続く

【表 331】

表 1 の続き

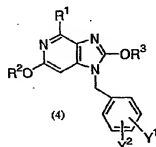
R ¹	R ²	R ³	Y ¹	Y ²
propylamino	cyclohexylmethyl	benzoyl	4-methylcarbonyl	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-methoxycarbonyl	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-methoxycarbonyl	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-methoxycarbonyl	H
propylamino	cyclohexylmethyl	ethyl	2-amino	H
propylamino	cyclohexylmethyl	propyl	3-amino	H
propylamino	cyclohexylmethyl	benzoyl	4-amino	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-methylamino	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-methylamino	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-methylamino	H
propylamino	cyclohexylmethyl	ethyl	2-dimethylamino	H
propylamino	cyclohexylmethyl	propyl	3-dimethylamino	H
propylamino	cyclohexylmethyl	benzoyl	4-dimethylamino	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-trifluoromethyl	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-trifluoromethyl	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-trifluoromethyl	H
propylamino	cyclohexylmethyl	ethyl	2-fluoromethyl	H
propylamino	cyclohexylmethyl	propyl	3-fluoromethyl	H
propylamino	cyclohexylmethyl	benzoyl	4-fluoromethyl	H
propylamino	cyclohexylmethyl	methoxycarbonyl	2-hydroxy	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-hydroxy	H
propylamino	cyclohexylmethyl	2-methoxyethyl	4-hydroxy	H
propylamino	cyclohexylmethyl	ethyl	4-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	propyl	3-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	benzoyl	2-(4-fluorobenzoyl)	H
propylamino	cyclohexylmethyl	methoxycarbonyl	4-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	2-methoxyethyl	2-(4-methylbenzoyl)	H
propylamino	cyclohexylmethyl	ethyl	4-chloroacetyl	H
propylamino	cyclohexylmethyl	propyl	3-chloroacetyl	H
propylamino	cyclohexylmethyl	benzoyl	2-chloroacetyl	H
propylamino	cyclohexylmethyl	methoxycarbonyl	4-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	2-methoxyethyl	2-ethoxycarbonyl	H
propylamino	cyclohexylmethyl	ethyl	4-carboxy	H
propylamino	cyclohexylmethyl	propyl	3-carboxy	H
propylamino	cyclohexylmethyl	benzoyl	2-carboxy	H
propylamino	cyclohexylmethyl	methoxycarbonyl	4-chloromethoxy	H
propylamino	cyclohexylmethyl	ethoxycarbonyl	3-chloromethoxy	H
propylamino	cyclohexylmethyl	2-methoxyethyl	2-chloromethoxy	H

【0078】

表 2

【表 3 3 2】

表 2



R¹	R²	R³	Y¹	Y²
amino	H	H	H	H
amino	methyl	H	H	H
amino	ethyl	H	H	H
amino	propyl	H	H	H
amino	methylethyl	H	H	H
amino	butyl	H	H	H
amino	1-methylpropyl	H	H	H
amino	2-methylpropyl	H	H	H
amino	dimethylethyl	H	H	H
amino	pentyl	H	H	H
amino	1-methylbutyl	H	H	H
amino	2-methylbutyl	H	H	H
amino	1,1-dimethylpropyl	H	H	H
amino	1,2-dimethylpropyl	H	H	H
amino	2,2-dimethylpropyl	H	H	H
amino	hexyl	H	H	H
amino	1-methylpentyl	H	H	H
amino	2-methylpentyl	H	H	H
amino	3-methylpentyl	H	H	H
amino	4-methylpentyl	H	H	H
amino	1,1-dimethylbutyl	H	H	H
amino	1,2-dimethylbutyl	H	H	H
amino	1,3-dimethylbutyl	H	H	H
amino	2,2-dimethylbutyl	H	H	H
amino	2,3-dimethylbutyl	H	H	H
amino	3,3-dimethylbutyl	H	H	H
amino	1-ethylbutyl	H	H	H
amino	2-ethylbutyl	H	H	H
amino	1,1,2-trimethylpropyl	H	H	H

続<

[表333]

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	H	H	H
amino	cyclopropyl	H	H	H
amino	cyclopentyl	H	H	H
amino	cyclohexyl	H	H	H
amino	cycloheptyl	H	H	H
amino	cyclopropylmethyl	H	H	H
amino	cyclopentylmethyl	H	H	H
amino	cyclohexylmethyl	H	H	H
amino	cycloheptylmethyl	H	H	H
amino	2-cyclopropylethyl	H	H	H
amino	2-cyclopentylethyl	H	H	H
amino	2-cyclohexylethyl	H	H	H
amino	2-cycloheptylethyl	H	H	H
amino	3-cyclopropylpropyl	H	H	H
amino	3-cyclopentylpropyl	H	H	H
amino	3-cyclohexylpropyl	H	H	H
amino	3-cycloheptylpropyl	H	H	H
amino	4-cyclopropylbutyl	H	H	H
amino	4-cyclopentylbutyl	H	H	H
amino	4-cyclohexylbutyl	H	H	H
amino	4-cycloheptylbutyl	H	H	H
amino	5-cyclopropylpentyl	H	H	H
amino	5-cyclopentylpentyl	H	H	H
amino	5-cyclohexylpentyl	H	H	H
amino	5-cycloheptylpentyl	H	H	H
amino	6-methoxyhexyl	H	H	H
amino	5-methoxypentyl	H	H	H
amino	4-methoxybutyl	H	H	H
amino	3-methoxypropyl	H	H	H
amino	2-methoxyethyl	H	H	H
amino	2-fluoroethyl	H	H	H
amino	3-fluoropropyl	H	H	H
amino	4-fluorobutyl	H	H	H
amino	5-fluoropentyl	H	H	H
amino	6-fluorohexyl	H	H	H
amino	2-chloroethyl	H	H	H
amino	3-chloropropyl	H	H	H
amino	4-chlorobutyl	H	H	H
amino	5-chloropentyl	H	H	H
amino	6-chlorohexyl	H	H	H

続く

【表334】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	H	H	H
amino	3-hydroxypropyl	H	H	H
amino	4-hydroxybutyl	H	H	H
amino	5-hydroxypentyl	H	H	H
amino	6-hydroxyhexyl	H	H	H
amino	3-hydroxybutyl	H	H	H
amino	2-carboxyethyl	H	H	H
amino	3-carboxypropyl	H	H	H
amino	4-carboxybutyl	H	H	H
amino	5-carboxypentyl	H	H	H
amino	6-carboxyhexyl	H	H	H
amino	2-methoxycarbonyl ethyl	H	H	H
amino	3-methoxycarbonyl propyl	H	H	H
amino	4-methoxycarbonyl butyl	H	H	H
amino	5-methoxycarbonyl pentyl	H	H	H
amino	6-methoxycarbonyl hexyl	H	H	H
amino	2-carbamoyl ethyl	H	H	H
amino	3-carbamoyl propyl	H	H	H
amino	4-carbamoyl butyl	H	H	H
amino	5-carbamoyl pentyl	H	H	H
amino	6-carbamoyl hexyl	H	H	H
amino	2-dimethylcarbamoyl ethyl	H	H	H
amino	3-dimethylcarbamoyl propyl	H	H	H
amino	4-dimethylcarbamoyl butyl	H	H	H
amino	5-dimethylcarbamoyl pentyl	H	H	H
amino	6-dimethylcarbamoyl hexyl	H	H	H
amino	2-methylcarbamoyl ethyl	H	H	H
amino	3-methylcarbamoyl propyl	H	H	H
amino	4-methylcarbamoyl butyl	H	H	H
amino	5-methylcarbamoyl pentyl	H	H	H
amino	6-methylcarbamoyl hexyl	H	H	H
amino	2-ethylcarbamoyl ethyl	H	H	H
amino	3-ethylcarbamoyl propyl	H	H	H
amino	4-ethylcarbamoyl butyl	H	H	H
amino	5-ethylcarbamoyl pentyl	H	H	H
amino	6-ethylcarbamoyl hexyl	H	H	H
amino	2-diethylcarbamoyl ethyl	H	H	H
amino	3-diethylcarbamoyl propyl	H	H	H

続<

【表335】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylbutyl	H	H	H
amino	5-diethylcarbamoylpentyl	H	H	H
amino	6-diethylcarbamoylhexyl	H	H	H
amino	2,2,2-trifluoroethyl	H	H	H
amino	3,3,3-trifluoropropyl	H	H	H
amino	4,4,4-trifluorobutyl	H	H	H
amino	5,5,5-trifluoropentyl	H	H	H
amino	6,6,6-trifluorohexyl	H	H	H
amino	2-aminoethyl	H	H	H
amino	3-aminopropyl	H	H	H
amino	4-aminobutyl	H	H	H
amino	5-aminopentyl	H	H	H
amino	6-aminohexyl	H	H	H
amino	2-methylaminoethyl	H	H	H
amino	3-methylaminopropyl	H	H	H
amino	4-methylaminobutyl	H	H	H
amino	5-methylaminopentyl	H	H	H
amino	6-methylaminohexyl	H	H	H
amino	2-dimethylaminoethyl	H	H	H
amino	3-dimethylaminopropyl	H	H	H
amino	4-dimethylaminobutyl	H	H	H
amino	5-dimethylaminopentyl	H	H	H
amino	6-dimethylaminohexyl	H	H	H
amino	2-acetylaminoethyl	H	H	H
amino	3-acetylaminoethyl	H	H	H
amino	4-acetylaminoethyl	H	H	H
amino	5-acetylaminoethyl	H	H	H
amino	6-acetylaminoethyl	H	H	H
amino	2-benzoylaminoethyl	H	H	H
amino	3-benzoylaminoethyl	H	H	H
amino	4-benzoylaminoethyl	H	H	H
amino	5-benzoylaminoethyl	H	H	H
amino	6-benzoylaminoethyl	H	H	H
amino	2-ethoxyethyl	H	H	H
amino	3-ethoxypropyl	H	H	H
amino	4-ethoxybutyl	H	H	H
amino	5-ethoxypentyl	H	H	H
amino	2-propoxyethyl	H	H	H
amino	3-propoxypropyl	H	H	H

続く

【表 336】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	H	H
amino	2-phenylethyl	H	H	H
amino	4-fluorobenzyl	H	H	H
amino	3-fluorobenzyl	H	H	H
amino	2-fluorobenzyl	H	H	H
amino	3,4-difluorobenzyl	H	H	H
amino	2,6-difluorobenzyl	H	H	H
amino	4-chlorobenzyl	H	H	H
amino	3-chlorobenzyl	H	H	H
amino	2-chlorobenzyl	H	H	H
amino	2,6-dichlorobenzyl	H	H	H
amino	3,4-dichlorobenzyl	H	H	H
amino	4-methoxybenzyl	H	H	H
amino	3-methoxybenzyl	H	H	H
amino	2-methoxybenzyl	H	H	H
amino	3,4-dimethoxybenzyl	H	H	H
amino	3,4,5-trimethoxybenzyl	H	H	H
amino	4-hydroxybenzyl	H	H	H
amino	3-hydroxybenzyl	H	H	H
amino	2-hydroxybenzyl	H	H	H
amino	3,4-dihydroxybenzyl	H	H	H
amino	4-methylbenzyl	H	H	H
amino	3-methylbenzyl	H	H	H
amino	2-methylbenzyl	H	H	H
amino	4-aminobenzyl	H	H	H
amino	3-aminobenzyl	H	H	H
amino	2-aminobenzyl	H	H	H
amino	4-dimethylaminobenzyl	H	H	H
amino	3-dimethylaminobenzyl	H	H	H
amino	2-dimethylaminobenzyl	H	H	H
amino	4-carbamoylbenzyl	H	H	H
amino	3-carbamoylbenzyl	H	H	H
amino	2-carbamoylbenzyl	H	H	H
amino	4-dimethylcarbamoylbenzyl	H	H	H
amino	3-dimethylcarbamoylbenzyl	H	H	H
amino	2-dimethylcarbamoylbenzyl	H	H	H
amino	4-methylcarbamoylbenzyl	H	H	H
amino	3-methylcarbamoylbenzyl	H	H	H
amino	2-methylcarbamoylbenzyl	H	H	H

続<

【表 337】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	H	H	H
amino	3-cyanobenzyl	H	H	H
amino	2-cyanobenzyl	H	H	H
amino	4-phenoxybenzyl	H	H	H
amino	3-phenoxybenzyl	H	H	H
amino	2-phenoxybenzyl	H	H	H
amino	4-carboxybenzyl	H	H	H
amino	3-carboxybenzyl	H	H	H
amino	2-carboxybenzyl	H	H	H
amino	4-methoxycarbonylbenzyl	H	H	H
amino	3-methoxycarbonylbenzyl	H	H	H
amino	2-methoxycarbonylbenzyl	H	H	H
amino	4-acetylbenzyl	H	H	H
amino	3-acetylbenzyl	H	H	H
amino	2-acetylbenzyl	H	H	H
amino	4-benzoylbenzyl	H	H	H
amino	3-benzoylbenzyl	H	H	H
amino	2-benzoylbenzyl	H	H	H
amino	phenyl	H	H	H
amino	4-fluorophenyl	H	H	H
amino	3-fluorophenyl	H	H	H
amino	2-fluorophenyl	H	H	H
amino	3,4-difluorophenyl	H	H	H
amino	2,6-difluorophenyl	H	H	H
amino	4-chlorophenyl	H	H	H
amino	3-chlorophenyl	H	H	H
amino	2-chlorophenyl	H	H	H
amino	3,4-dichlorophenyl	H	H	H
amino	2,6-dichlorophenyl	H	H	H
amino	2-methoxyphenyl	H	H	H
amino	3-methoxyphenyl	H	H	H
amino	4-methoxyphenyl	H	H	H
amino	3,4-dimethoxyphenyl	H	H	H
amino	3,4,5-trimethoxyphenyl	H	H	H
amino	2-hydroxyphenyl	H	H	H
amino	3-hydroxyphenyl	H	H	H
amino	4-hydroxyphenyl	H	H	H
amino	3,4-dihydroxyphenyl	H	H	H
amino	4-methylphenyl	H	H	H
amino	3-methylphenyl	H	H	H
amino	2-methylphenyl	H	H	H

続<

【表338】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	H	H	H
amino	3-aminophenyl	H	H	H
amino	2-aminophenyl	H	H	H
amino	4-dimethylaminophenyl	H	H	H
amino	3-dimethylaminophenyl	H	H	H
amino	2-dimethylaminophenyl	H	H	H
amino	4-methylaminophenyl	H	H	H
amino	3-methylaminophenyl	H	H	H
amino	2-methylaminophenyl	H	H	H
amino	4-cyanophenyl	H	H	H
amino	3-cyanophenyl	H	H	H
amino	2cyanophenyl	H	H	H
amino	4-phenoxyphenyl	H	H	H
amino	3-phenoxyphenyl	H	H	H
amino	2-phenoxyphenyl	H	H	H
amino	4-carbamoylphenyl	H	H	H
amino	3-carbamoylphenyl	H	H	H
amino	2-carbamoylphenyl	H	H	H
amino	4-methylcarbamoylphenyl	H	H	H
amino	3-methylcarbamoylphenyl	H	H	H
amino	2-methylcarbamoylphenyl	H	H	H
amino	4-dimethylcarbamoylphenyl	H	H	H
amino	3-dimethylcarbamoylphenyl	H	H	H
amino	2-dimethylcarbamoylphenyl	H	H	H
amino	4-carboxyphenyl	H	H	H
amino	3-carboxyphenyl	H	H	H
amino	2-carboxyphenyl	H	H	H
amino	4-methoxycarbonylphenyl	H	H	H
amino	3-methoxycarbonylphenyl	H	H	H
amino	2-methoxycarbonylphenyl	H	H	H
amino	4-acetylphenyl	H	H	H
amino	3-acetylphenyl	H	H	H
amino	2-acetylphenyl	H	H	H
amino	4-benzoylphenyl	H	H	H
amino	3-benzoylphenyl	H	H	H
amino	2-benzoylphenyl	H	H	H
amino	2-(4-fluorophenyl)ethyl	H	H	H
amino	2-(4-chlorophenyl)ethyl	H	H	H
amino	2-(4-methoxyphenyl)ethyl	H	H	H

続き

【表 339】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	2-chloro	H
amino	methyl	H	3-chloro	H
amino	methyl	H	4-chloro	H
amino	methyl	H	2-fluoro	H
amino	methyl	H	3-fluoro	H
amino	methyl	H	4-fluoro	H
amino	methyl	H	2-bromo	H
amino	methyl	H	3-bromo	H
amino	methyl	H	4-bromo	H
amino	methyl	H	2-nitro	H
amino	methyl	H	3-nitro	H
amino	methyl	H	4-nitro	H
amino	methyl	H	2-methoxy	H
amino	methyl	H	3-methoxy	H
amino	methyl	H	4-methoxy	H
amino	methyl	H	2-chloro	4-chloro
amino	methyl	H	3-chloro	4-chloro
amino	methyl	H	2-fluoro	4-fluoro
amino	methyl	H	3-fluoro	4-fluoro
amino	methyl	H	2-bromo	4-bromo
amino	methyl	H	3-bromo	4-bromo
amino	methyl	H	2-methoxy	4-methoxy
amino	methyl	H	3-methoxy	4-methoxy
amino	methyl	H	2-acetyl	H
amino	methyl	H	3-acetyl	H
amino	methyl	H	4-acetyl	H
amino	methyl	H	2-benzoyl	H
amino	methyl	H	3-benzoyl	H
amino	methyl	H	4-benzoyl	H
amino	methyl	H	2-cyano	H
amino	methyl	H	3-cyano	H
amino	methyl	H	4-cyano	H
amino	methyl	H	2-carbamoyl	H
amino	methyl	H	3-carbamoyl	H
amino	methyl	H	4-carbamoyl	H
amino	methyl	H	2-dimethylcarbamoyl	H
amino	methyl	H	3-dimethylcarbamoyl	H
amino	methyl	H	4-dimethylcarbamoyl	H
amino	methyl	H	2-methylcarbamoyl	H
amino	methyl	H	3-methylcarbamoyl	H

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【表340】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	4-methylcarbonyl	H
amino	methyl	H	2-methoxycarbonyl	H
amino	methyl	H	3-methoxycarbonyl	H
amino	methyl	H	4-methoxycarbonyl	H
amino	methyl	H	2-amino	H
amino	methyl	H	3-amino	H
amino	methyl	H	4-amino	H
amino	methyl	H	2-dimethylamino	H
amino	methyl	H	3-dimethylamino	H
amino	methyl	H	4-dimethylamino	H
amino	methyl	H	2-methylamino	H
amino	methyl	H	3-methylamino	H
amino	methyl	H	4-methylamino	H
amino	methyl	H	2-trifluoromethyl	H
amino	methyl	H	3-trifluoromethyl	H
amino	methyl	H	4-trifluoromethyl	H
amino	methyl	H	2-fluoromethyl	H
amino	methyl	H	3-fluoromethyl	H
amino	methyl	H	4-fluoromethyl	H
amino	methyl	H	2-hydroxy	H
amino	methyl	H	3-hydroxy	H
amino	methyl	H	4-hydroxy	H
amino	methyl	H	4-(4-fluorobenzoyl)	H
amino	methyl	H	3-(4-fluorobenzoyl)	H
amino	methyl	H	2-(4-fluorobenzoyl)	H
amino	methyl	H	4-(4-methylbenzoyl)	H
amino	methyl	H	3-(4-methylbenzoyl)	H
amino	methyl	H	2-(4-methylbenzoyl)	H
amino	methyl	H	4-chloroacetyl	H
amino	methyl	H	3-chloroacetyl	H
amino	methyl	H	2-chloroacetyl	H
amino	methyl	H	4-ethoxycarbonyl	H
amino	methyl	H	3-ethoxycarbonyl	H
amino	methyl	H	2-ethoxycarbonyl	H
amino	methyl	H	4-carboxy	H
amino	methyl	H	3-carboxy	H
amino	methyl	H	2-carboxy	H
amino	methyl	H	4-chloromethoxy	H
amino	methyl	H	3-chloromethoxy	H
amino	methyl	H	2-chloromethoxy	H

続<

【0079】

【表 341】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	2-chloro	H
amino	ethyl	H	3-chloro	H
amino	ethyl	H	4-chloro	H
amino	ethyl	H	2-fluoro	H
amino	ethyl	H	3-fluoro	H
amino	ethyl	H	4-fluoro	H
amino	ethyl	H	2-bromo	H
amino	ethyl	H	3-bromo	H
amino	ethyl	H	4-bromo	H
amino	ethyl	H	2-nitro	H
amino	ethyl	H	3-nitro	H
amino	ethyl	H	4-nitro	H
amino	ethyl	H	2-methoxy	H
amino	ethyl	H	3-methoxy	H
amino	ethyl	H	4-methoxy	H
amino	ethyl	H	2-chloro	4-chloro
amino	ethyl	H	3-chloro	4-chloro
amino	ethyl	H	2-fluoro	4-fluoro
amino	ethyl	H	3-fluoro	4-fluoro
amino	ethyl	H	2-bromo	4-bromo
amino	ethyl	H	3-bromo	4-bromo
amino	ethyl	H	2-methoxy	4-methoxy
amino	ethyl	H	3-methoxy	4-methoxy
amino	ethyl	H	2-acetyl	H
amino	ethyl	H	3-acetyl	H
amino	ethyl	H	4-acetyl	H
amino	ethyl	H	2-benzoyl	H
amino	ethyl	H	3-benzoyl	H
amino	ethyl	H	4-benzoyl	H
amino	ethyl	H	2-cyano	H
amino	ethyl	H	3-cyano	H
amino	ethyl	H	4-cyano	H
amino	ethyl	H	2-carbamoyl	H
amino	ethyl	H	3-carbamoyl	H
amino	ethyl	H	4-carbamoyl	H
amino	ethyl	H	2-dimethylcarbamoyl	H
amino	ethyl	H	3-dimethylcarbamoyl	H
amino	ethyl	H	4-dimethylcarbamoyl	H
amino	ethyl	H	2-methylcarbamoyl	H
amino	ethyl	H	3-methylcarbamoyl	H

続く

【表 342】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	4-methylcarbamoyl	H
amino	ethyl	H	2-methoxycarbonyl	H
amino	ethyl	H	3-methoxycarbonyl	H
amino	ethyl	H	4-methoxycarbonyl	H
amino	ethyl	H	2-amino	H
amino	ethyl	H	3-amino	H
amino	ethyl	H	4-amino	H
amino	ethyl	H	2-dimethylamino	H
amino	ethyl	H	3-dimethylamino	H
amino	ethyl	H	4-dimethylamino	H
amino	ethyl	H	2-methylamino	H
amino	ethyl	H	3-methylamino	H
amino	ethyl	H	4-methylamino	H
amino	ethyl	H	2-trifluoromethyl	H
amino	ethyl	H	3-trifluoromethyl	H
amino	ethyl	H	4-trifluoromethyl	H
amino	ethyl	H	2-fluoromethyl	H
amino	ethyl	H	3-fluoromethyl	H
amino	ethyl	H	4-fluoromethyl	H
amino	ethyl	H	2-hydroxy	H
amino	ethyl	H	3-hydroxy	H
amino	ethyl	H	4-hydroxy	H
amino	ethyl	H	4-(4-fluorobenzoyl)	H
amino	ethyl	H	3-(4-fluorobenzoyl)	H
amino	ethyl	H	2-(4-fluorobenzoyl)	H
amino	ethyl	H	4-(4-methylbenzoyl)	H
amino	ethyl	H	3-(4-methylbenzoyl)	H
amino	ethyl	H	2-(4-methylbenzoyl)	H
amino	ethyl	H	4-chloroacetyl	H
amino	ethyl	H	3-chloroacetyl	H
amino	ethyl	H	2-chloroacetyl	H
amino	ethyl	H	4-ethoxycarbonyl	H
amino	ethyl	H	3-ethoxycarbonyl	H
amino	ethyl	H	2-ethoxycarbonyl	H
amino	ethyl	H	4-carboxy	H
amino	ethyl	H	3-carboxy	H
amino	ethyl	H	2-carboxy	H
amino	ethyl	H	4-chloromethoxy	H
amino	ethyl	H	3-chloromethoxy	H
amino	ethyl	H	2-chloromethoxy	H

続く

【表343】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	2-chloro	H
amino	propyl	H	3-chloro	H
amino	propyl	H	4-chloro	H
amino	propyl	H	2-fluoro	H
amino	propyl	H	3-fluoro	H
amino	propyl	H	4-fluoro	H
amino	propyl	H	2-bromo	H
amino	propyl	H	3-bromo	H
amino	propyl	H	4-bromo	H
amino	propyl	H	2-nitro	H
amino	propyl	H	3-nitro	H
amino	propyl	H	4-nitro	H
amino	propyl	H	2-methoxy	H
amino	propyl	H	3-methoxy	H
amino	propyl	H	4-methoxy	H
amino	propyl	H	2-chloro	4-chloro
amino	propyl	H	3-chloro	4-chloro
amino	propyl	H	2-fluoro	4-fluoro
amino	propyl	H	3-fluoro	4-fluoro
amino	propyl	H	2-bromo	4-bromo
amino	propyl	H	3-bromo	4-bromo
amino	propyl	H	2-methoxy	4-methoxy
amino	propyl	H	3-methoxy	4-methoxy
amino	propyl	H	2-acetyl	H
amino	propyl	H	3-acetyl	H
amino	propyl	H	4-acetyl	H
amino	propyl	H	2-benzoyl	H
amino	propyl	H	3-benzoyl	H
amino	propyl	H	4-benzoyl	H
amino	propyl	H	2-cyano	H
amino	propyl	H	3-cyano	H
amino	propyl	H	4-cyano	H
amino	propyl	H	2-carbamoyl	H
amino	propyl	H	3-carbamoyl	H
amino	propyl	H	4-carbamoyl	H
amino	propyl	H	2-dimethylcarbamoyl	H
amino	propyl	H	3-dimethylcarbamoyl	H
amino	propyl	H	4-dimethylcarbamoyl	H
amino	propyl	H	2-methylcarbamoyl	H
amino	propyl	H	3-methylcarbamoyl	H

続く

【表344】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	4-methylcarbonyl	H
amino	propyl	H	2-methoxycarbonyl	H
amino	propyl	H	3-methoxycarbonyl	H
amino	propyl	H	4-methoxycarbonyl	H
amino	propyl	H	2-amino	H
amino	propyl	H	3-amino	H
amino	propyl	H	4-amino	H
amino	propyl	H	2-dimethylamino	H
amino	propyl	H	3-dimethylamino	H
amino	propyl	H	4-dimethylamino	H
amino	propyl	H	2-methylamino	H
amino	propyl	H	3-methylamino	H
amino	propyl	H	4-methylamino	H
amino	propyl	H	2-trifluoromethyl	H
amino	propyl	H	3-trifluoromethyl	H
amino	propyl	H	4-trifluoromethyl	H
amino	propyl	H	2-fluoromethyl	H
amino	propyl	H	3-fluoromethyl	H
amino	propyl	H	4-fluoromethyl	H
amino	propyl	H	2-hydroxy	H
amino	propyl	H	3-hydroxy	H
amino	propyl	H	4-hydroxy	H
amino	propyl	H	4-(4-fluorobenzoyl)	H
amino	propyl	H	3-(4-fluorobenzoyl)	H
amino	propyl	H	2-(4-fluorobenzoyl)	H
amino	propyl	H	4-(4-methylbenzoyl)	H
amino	propyl	H	3-(4-methylbenzoyl)	H
amino	propyl	H	2-(4-methylbenzoyl)	H
amino	propyl	H	4-chloroacetyl	H
amino	propyl	H	3-chloroacetyl	H
amino	propyl	H	2-chloroacetyl	H
amino	propyl	H	4-ethoxycarbonyl	H
amino	propyl	H	3-ethoxycarbonyl	H
amino	propyl	H	2-ethoxycarbonyl	H
amino	propyl	H	4-carboxy	H
amino	propyl	H	3-carboxy	H
amino	propyl	H	2-carboxy	H
amino	propyl	H	4-chloromethoxy	H
amino	propyl	H	3-chloromethoxy	H
amino	propyl	H	2-chloromethoxy	H

続く

【表345】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	2-chloro	H
amino	butyl	H	3-chloro	H
amino	butyl	H	4-chloro	H
amino	butyl	H	2-fluoro	H
amino	butyl	H	3-fluoro	H
amino	butyl	H	4-fluoro	H
amino	butyl	H	2-bromo	H
amino	butyl	H	3-bromo	H
amino	butyl	H	4-bromo	H
amino	butyl	H	2-nitro	H
amino	butyl	H	3-nitro	H
amino	butyl	H	4-nitro	H
amino	butyl	H	2-methoxy	H
amino	butyl	H	3-methoxy	H
amino	butyl	H	4-methoxy	H
amino	butyl	H	2-chloro	4-chloro
amino	butyl	H	3-chloro	4-chloro
amino	butyl	H	2-fluoro	4-fluoro
amino	butyl	H	3-fluoro	4-fluoro
amino	butyl	H	2-bromo	4-bromo
amino	butyl	H	3-bromo	4-bromo
amino	butyl	H	2-methoxy	4-methoxy
amino	butyl	H	3-methoxy	4-methoxy
amino	butyl	H	2-acetyl	H
amino	butyl	H	3-acetyl	H
amino	butyl	H	4-acetyl	H
amino	butyl	H	2-benzoyl	H
amino	butyl	H	3-benzoyl	H
amino	butyl	H	4-benzoyl	H
amino	butyl	H	2-cyano	H
amino	butyl	H	3-cyano	H
amino	butyl	H	4-cyano	H
amino	butyl	H	2-carbamoyl	H
amino	butyl	H	3-carbamoyl	H
amino	butyl	H	4-carbamoyl	H
amino	butyl	H	2-dimethylcarbamoyl	H
amino	butyl	H	3-dimethylcarbamoyl	H
amino	butyl	H	4-dimethylcarbamoyl	H
amino	butyl	H	2-methylcarbamoyl	H
amino	butyl	H	3-methylcarbamoyl	H

続く

【表 346】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	4-methylcarbamoyl	H
amino	butyl	H	2-methoxycarbonyl	H
amino	butyl	H	3-methoxycarbonyl	H
amino	butyl	H	4-methoxycarbonyl	H
amino	butyl	H	2-amino	H
amino	butyl	H	3-amino	H
amino	butyl	H	4-amino	H
amino	butyl	H	2-dimethylamino	H
amino	butyl	H	3-dimethylamino	H
amino	butyl	H	4-dimethylamino	H
amino	butyl	H	2-methylamino	H
amino	butyl	H	3-methylamino	H
amino	butyl	H	4-methylamino	H
amino	butyl	H	2-trifluoromethyl	H
amino	butyl	H	3-trifluoromethyl	H
amino	butyl	H	4-trifluoromethyl	H
amino	butyl	H	2-fluoromethyl	H
amino	butyl	H	3-fluoromethyl	H
amino	butyl	H	4-fluoromethyl	H
amino	butyl	H	2-hydroxy	H
amino	butyl	H	3-hydroxy	H
amino	butyl	H	4-hydroxy	H
amino	butyl	H	4-(4-fluorobenzoyl)	H
amino	butyl	H	3-(4-fluorobenzoyl)	H
amino	butyl	H	2-(4-fluorobenzoyl)	H
amino	butyl	H	4-(4-methylbenzoyl)	H
amino	butyl	H	3-(4-methylbenzoyl)	H
amino	butyl	H	2-(4-methylbenzoyl)	H
amino	butyl	H	4-chloroacetyl	H
amino	butyl	H	3-chloroacetyl	H
amino	butyl	H	2-chloroacetyl	H
amino	butyl	H	4-ethoxycarbonyl	H
amino	butyl	H	3-ethoxycarbonyl	H
amino	butyl	H	2-ethoxycarbonyl	H
amino	butyl	H	4-carboxy	H
amino	butyl	H	3-carboxy	H
amino	butyl	H	2-carboxy	H
amino	butyl	H	4-chloromethoxy	H
amino	butyl	H	3-chloromethoxy	H
amino	butyl	H	2-chloromethoxy	H

続く

【表347】

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	2-chloro	H
amino	benzyl	H	3-chloro	H
amino	benzyl	H	4-chloro	H
amino	benzyl	H	2-fluoro	H
amino	benzyl	H	3-fluoro	H
amino	benzyl	H	4-fluoro	H
amino	benzyl	H	2-bromo	H
amino	benzyl	H	3-bromo	H
amino	benzyl	H	4-bromo	H
amino	benzyl	H	2-nitro	H
amino	benzyl	H	3-nitro	H
amino	benzyl	H	4-nitro	H
amino	benzyl	H	2-methoxy	H
amino	benzyl	H	3-methoxy	H
amino	benzyl	H	4-methoxy	H
amino	benzyl	H	2-chloro	4-chloro
amino	benzyl	H	3-chloro	4-chloro
amino	benzyl	H	2-fluoro	4-fluoro
amino	benzyl	H	3-fluoro	4-fluoro
amino	benzyl	H	2-bromo	4-bromo
amino	benzyl	H	3-bromo	4-bromo
amino	benzyl	H	2-methoxy	4-methoxy
amino	benzyl	H	3-methoxy	4-methoxy
amino	benzyl	H	2-acetyl	H
amino	benzyl	H	3-acetyl	H
amino	benzyl	H	4-acetyl	H
amino	benzyl	H	2-benzoyl	H
amino	benzyl	H	3-benzoyl	H
amino	benzyl	H	4-benzoyl	H
amino	benzyl	H	2-cyano	H
amino	benzyl	H	3-cyano	H
amino	benzyl	H	4-cyano	H
amino	benzyl	H	2-carbamoyl	H
amino	benzyl	H	3-carbamoyl	H
amino	benzyl	H	4-carbamoyl	H
amino	benzyl	H	2-dimethylcarbamoyl	H
amino	benzyl	H	3-dimethylcarbamoyl	H
amino	benzyl	H	4-dimethylcarbamoyl	H
amino	benzyl	H	2-methylcarbamoyl	H
amino	benzyl	H	3-methylcarbamoyl	H

続<

[表348]

表2の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	4-methylcarbonyl	H
amino	benzyl	H	2-methoxycarbonyl	H
amino	benzyl	H	3-methoxycarbonyl	H
amino	benzyl	H	4-methoxycarbonyl	H
amino	benzyl	H	2-amino	H
amino	benzyl	H	3-amino	H
amino	benzyl	H	4-amino	H
amino	benzyl	H	2-dimethylamino	H
amino	benzyl	H	3-dimethylamino	H
amino	benzyl	H	4-dimethylamino	H
amino	benzyl	H	2-methylamino	H
amino	benzyl	H	3-methylamino	H
amino	benzyl	H	4-methylamino	H
amino	benzyl	H	2-trifluoromethyl	H
amino	benzyl	H	3-trifluoromethyl	H
amino	benzyl	H	4-trifluoromethyl	H
amino	benzyl	H	2-fluoromethyl	H
amino	benzyl	H	3-fluoromethyl	H
amino	benzyl	H	4-fluoromethyl	H
amino	benzyl	H	2-hydroxy	H
amino	benzyl	H	3-hydroxy	H
amino	benzyl	H	4-hydroxy	H
amino	benzyl	H	4-(4-fluorobenzoyl)	H
amino	benzyl	H	3-(4-fluorobenzoyl)	H
amino	benzyl	H	2-(4-fluorobenzoyl)	H
amino	benzyl	H	4-(4-methylbenzoyl)	H
amino	benzyl	H	3-(4-methylbenzoyl)	H
amino	benzyl	H	2-(4-methylbenzoyl)	H
amino	benzyl	H	4-chloroacetyl	H
amino	benzyl	H	3-chloroacetyl	H
amino	benzyl	H	2-chloroacetyl	H
amino	benzyl	H	4-ethoxycarbonyl	H
amino	benzyl	H	3-ethoxycarbonyl	H
amino	benzyl	H	2-ethoxycarbonyl	H
amino	benzyl	H	4-carboxy	H
amino	benzyl	H	3-carboxy	H
amino	benzyl	H	2-carboxy	H
amino	benzyl	H	4-chloromethoxy	H
amino	benzyl	H	3-chloromethoxy	H
amino	benzyl	H	2-chloromethoxy	H

続く

【表 349】

表 2 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	4-chloro	H
amino	cyclohexylmethyl	H	2-fluoro	H
amino	cyclohexylmethyl	H	3-fluoro	H
amino	cyclohexylmethyl	H	4-fluoro	H
amino	cyclohexylmethyl	H	2-bromo	H
amino	cyclohexylmethyl	H	3-bromo	H
amino	cyclohexylmethyl	H	4-bromo	H
amino	cyclohexylmethyl	H	2-nitro	H
amino	cyclohexylmethyl	H	3-nitro	H
amino	cyclohexylmethyl	H	4-nitro	H
amino	cyclohexylmethyl	H	2-methoxy	H
amino	cyclohexylmethyl	H	3-methoxy	H
amino	cyclohexylmethyl	H	4-methoxy	H
amino	cyclohexylmethyl	H	2-chloro	4-chloro
amino	cyclohexylmethyl	H	3-chloro	4-chloro
amino	cyclohexylmethyl	H	2-fluoro	4-fluoro
amino	cyclohexylmethyl	H	3-fluoro	4-fluoro
amino	cyclohexylmethyl	H	2-bromo	4-bromo
amino	cyclohexylmethyl	H	3-bromo	4-bromo
amino	cyclohexylmethyl	H	2-methoxy	4-methoxy
amino	cyclohexylmethyl	H	3-methoxy	4-methoxy
amino	cyclohexylmethyl	H	2-acetyl	H
amino	cyclohexylmethyl	H	3-acetyl	H
amino	cyclohexylmethyl	H	4-acetyl	H
amino	cyclohexylmethyl	H	2-benzoyl	H
amino	cyclohexylmethyl	H	3-benzoyl	H
amino	cyclohexylmethyl	H	4-benzoyl	H
amino	cyclohexylmethyl	H	2-cyano	H
amino	cyclohexylmethyl	H	3-cyano	H
amino	cyclohexylmethyl	H	4-cyano	H
amino	cyclohexylmethyl	H	2-carbamoyl	H
amino	cyclohexylmethyl	H	3-carbamoyl	H
amino	cyclohexylmethyl	H	4-carbamoyl	H
amino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	2-methylcarbamoyl	H
amino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

【表350】

表2の続き

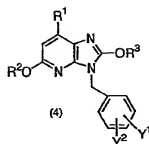
R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	4-methylcarbonyl	H
amino	cyclohexylmethyl	H	2-methoxycarbonyl	H
amino	cyclohexylmethyl	H	3-methoxycarbonyl	H
amino	cyclohexylmethyl	H	4-methoxycarbonyl	H
amino	cyclohexylmethyl	H	2-amino	H
amino	cyclohexylmethyl	H	3-amino	H
amino	cyclohexylmethyl	H	4-amino	H
amino	cyclohexylmethyl	H	2-dimethylamino	H
amino	cyclohexylmethyl	H	3-dimethylamino	H
amino	cyclohexylmethyl	H	4-dimethylamino	H
amino	cyclohexylmethyl	H	2-methylamino	H
amino	cyclohexylmethyl	H	3-methylamino	H
amino	cyclohexylmethyl	H	4-methylamino	H
amino	cyclohexylmethyl	H	2-trifluoromethyl	H
amino	cyclohexylmethyl	H	3-trifluoromethyl	H
amino	cyclohexylmethyl	H	4-trifluoromethyl	H
amino	cyclohexylmethyl	H	2-fluoromethyl	H
amino	cyclohexylmethyl	H	3-fluoromethyl	H
amino	cyclohexylmethyl	H	4-fluoromethyl	H
amino	cyclohexylmethyl	H	2-hydroxy	H
amino	cyclohexylmethyl	H	3-hydroxy	H
amino	cyclohexylmethyl	H	4-hydroxy	H
amino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	4-chloroacetyl	H
amino	cyclohexylmethyl	H	3-chloroacetyl	H
amino	cyclohexylmethyl	H	2-chloroacetyl	H
amino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	4-carboxy	H
amino	cyclohexylmethyl	H	3-carboxy	H
amino	cyclohexylmethyl	H	2-carboxy	H
amino	cyclohexylmethyl	H	4-chloromethoxy	H
amino	cyclohexylmethyl	H	3-chloromethoxy	H
amino	cyclohexylmethyl	H	2-chloromethoxy	H

【0080】

表3

【表 351】

表 3



R ¹	R ²	R ³	Y ¹	Y ²
amino	H	H	H	H
amino	methyl	H	H	H
amino	ethyl	H	H	H
amino	propyl	H	H	H
amino	methylethyl	H	H	H
amino	butyl	H	H	H
amino	1-methylpropyl	H	H	H
amino	2-methylpropyl	H	H	H
amino	dimethylethyl	H	H	H
amino	pentyl	H	H	H
amino	1-methylbutyl	H	H	H
amino	2-methylbutyl	H	H	H
amino	1,1-dimethylpropyl	H	H	H
amino	1,2-dimethylpropyl	H	H	H
amino	2,2-dimethylpropyl	H	H	H
amino	hexyl	H	H	H
amino	1-methylpentyl	H	H	H
amino	2-methylpentyl	H	H	H
amino	3-methylpentyl	H	H	H
amino	4-methylpentyl	H	H	H
amino	1,1-dimethylbutyl	H	H	H
amino	1,2-dimethylbutyl	H	H	H
amino	1,3-dimethylbutyl	H	H	H
amino	2,2-dimethylbutyl	H	H	H
amino	2,3-dimethylbutyl	H	H	H
amino	3,3-dimethylbutyl	H	H	H
amino	1-ethylbutyl	H	H	H
amino	2-ethylbutyl	H	H	H
amino	1,1,2-trimethylpropyl	H	H	H

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【表352】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	heptyl	H	H	H
amino	cyclopropyl	H	H	H
amino	cyclopentyl	H	H	H
amino	cyclohexyl	H	H	H
amino	cycloheptyl	H	H	H
amino	cyclopropylmethyl	H	H	H
amino	cyclopentylmethyl	H	H	H
amino	cyclohexylmethyl	H	H	H
amino	cycloheptylmethyl	H	H	H
amino	2-cyclopropylethyl	H	H	H
amino	2-cyclopentylethyl	H	H	H
amino	2-cyclohexylethyl	H	H	H
amino	2-cycloheptylethyl	H	H	H
amino	3-cyclopropylpropyl	H	H	H
amino	3-cyclopentylpropyl	H	H	H
amino	3-cyclohexylpropyl	H	H	H
amino	3-cycloheptylpropyl	H	H	H
amino	4-cyclopropylbutyl	H	H	H
amino	4-cyclopentylbutyl	H	H	H
amino	4-cyclohexylbutyl	H	H	H
amino	4-cycloheptylbutyl	H	H	H
amino	5-cyclopropylpentyl	H	H	H
amino	5-cyclohexylpentyl	H	H	H
amino	5-cycloheptylpentyl	H	H	H
amino	6-methoxyhexyl	H	H	H
amino	5-methoxypentyl	H	H	H
amino	4-methoxybutyl	H	H	H
amino	3-methoxypropyl	H	H	H
amino	2-methoxyethyl	H	H	H
amino	2-fluoroethyl	H	H	H
amino	3-fluoropropyl	H	H	H
amino	4-fluorobutyl	H	H	H
amino	5-fluoropentyl	H	H	H
amino	6-fluorohexyl	H	H	H
amino	2-chloroethyl	H	H	H
amino	3-chloropropyl	H	H	H
amino	4-chlorobutyl	H	H	H
amino	5-chloropentyl	H	H	H
amino	6-chlorohexyl	H	H	H

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【表 353】

表 3 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	2-hydroxyethyl	H	H	H
amino	3-hydroxypropyl	H	H	H
amino	4-hydroxybutyl	H	H	H
amino	5-hydroxypentyl	H	H	H
amino	6-hydroxyhexyl	H	H	H
amino	3-hydroxybutyl	H	H	H
amino	2-carboxyethyl	H	H	H
amino	3-carboxypropyl	H	H	H
amino	4-carboxybutyl	H	H	H
amino	5-carboxypentyl	H	H	H
amino	6-carboxyhexyl	H	H	H
amino	2-methoxycarbonylethyl	H	H	H
amino	3-methoxycarbonylpropyl	H	H	H
amino	4-methoxycarbonylbutyl	H	H	H
amino	5-methoxycarbonylpentyl	H	H	H
amino	6-methoxycarbonylhexyl	H	H	H
amino	2-carbamoylethyl	H	H	H
amino	3-carbamoylpropyl	H	H	H
amino	4-carbamoylbutyl	H	H	H
amino	5-carbamoylpentyl	H	H	H
amino	6-carbamoylhexyl	H	H	H
amino	2-dimethylcarbamoylethyl	H	H	H
amino	3-dimethylcarbamoylpropyl	H	H	H
amino	4-dimethylcarbamoylbutyl	H	H	H
amino	5-dimethylcarbamoylpentyl	H	H	H
amino	6-dimethylcarbamoylhexyl	H	H	H
amino	2-methylcarbamoylethyl	H	H	H
amino	3-methylcarbamoylpropyl	H	H	H
amino	4-methylcarbamoylbutyl	H	H	H
amino	5-methylcarbamoylpentyl	H	H	H
amino	6-methylcarbamoylhexyl	H	H	H
amino	2-ethylcarbamoylethyl	H	H	H
amino	3-ethylcarbamoylpropyl	H	H	H
amino	4-ethylcarbamoylbutyl	H	H	H
amino	5-ethylcarbamoylpentyl	H	H	H
amino	6-ethylcarbamoylhexyl	H	H	H
amino	2-diethylcarbamoylethyl	H	H	H
amino	3-diethylcarbamoylpropyl	H	H	H

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【表 354】

表 3 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-diethylcarbamoylbutyl	H	H	H
amino	5-diethylcarbamoylpentyl	H	H	H
amino	6-diethylcarbamoylhexyl	H	H	H
amino	2,2,2-trifluoroethyl	H	H	H
amino	3,3,3-trifluoropropyl	H	H	H
amino	4,4,4-trifluorobutyl	H	H	H
amino	5,5,5-trifluoropentyl	H	H	H
amino	6,6,6-trifluorohexyl	H	H	H
amino	2-aminoethyl	H	H	H
amino	3-aminopropyl	H	H	H
amino	4-aminobutyl	H	H	H
amino	5-aminopentyl	H	H	H
amino	6-aminohexyl	H	H	H
amino	2-methylaminoethyl	H	H	H
amino	3-methylaminopropyl	H	H	H
amino	4-methylaminobutyl	H	H	H
amino	5-methylaminopentyl	H	H	H
amino	6-methylaminohexyl	H	H	H
amino	2-dimethylaminoethyl	H	H	H
amino	3-dimethylaminopropyl	H	H	H
amino	4-dimethylaminobutyl	H	H	H
amino	5-dimethylaminopentyl	H	H	H
amino	6-dimethylaminohexyl	H	H	H
amino	2-acetylaminoethyl	H	H	H
amino	3-acetylaminoethyl	H	H	H
amino	4-acetylaminoethyl	H	H	H
amino	5-acetylaminoethyl	H	H	H
amino	6-acetylaminoethyl	H	H	H
amino	2-benzoylaminoethyl	H	H	H
amino	3-benzoylaminoethyl	H	H	H
amino	4-benzoylaminoethyl	H	H	H
amino	5-benzoylaminoethyl	H	H	H
amino	6-benzoylaminoethyl	H	H	H
amino	2-ethoxyethyl	H	H	H
amino	3-ethoxyethyl	H	H	H
amino	4-ethoxyethyl	H	H	H
amino	5-ethoxyethyl	H	H	H
amino	2-propoxyethyl	H	H	H
amino	3-propoxyethyl	H	H	H

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【表355】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	H	H
amino	2-phenylethyl	H	H	H
amino	4-fluorobenzyl	H	H	H
amino	3-fluorobenzyl	H	H	H
amino	2-fluorobenzyl	H	H	H
amino	3,4-difluorobenzyl	H	H	H
amino	2,6-difluorobenzyl	H	H	H
amino	4-chlorobenzyl	H	H	H
amino	3-chlorobenzyl	H	H	H
amino	2-chlorobenzyl	H	H	H
amino	2,6-dichlorobenzyl	H	H	H
amino	3,4-dichlorobenzyl	H	H	H
amino	4-methoxybenzyl	H	H	H
amino	3-methoxybenzyl	H	H	H
amino	2-methoxybenzyl	H	H	H
amino	3,4-dimethoxybenzyl	H	H	H
amino	3,4,5-trimethoxybenzyl	H	H	H
amino	4-hydroxybenzyl	H	H	H
amino	3-hydroxybenzyl	H	H	H
amino	2-hydroxybenzyl	H	H	H
amino	3,4-dihydroxybenzyl	H	H	H
amino	4-methylbenzyl	H	H	H
amino	3-methylbenzyl	H	H	H
amino	2-methylbenzyl	H	H	H
amino	4-aminobenzyl	H	H	H
amino	3-aminobenzyl	H	H	H
amino	2-aminobenzyl	H	H	H
amino	4-dimethylaminobenzyl	H	H	H
amino	3-dimethylaminobenzyl	H	H	H
amino	2-dimethylaminobenzyl	H	H	H
amino	4-carbamoylbenzyl	H	H	H
amino	3-carbamoylbenzyl	H	H	H
amino	2-carbamoylbenzyl	H	H	H
amino	4-dimethylcarbamoylbenzyl	H	H	H
amino	3-dimethylcarbamoylbenzyl	H	H	H
amino	2-dimethylcarbamoylbenzyl	H	H	H
amino	4-methylcarbamoylbenzyl	H	H	H
amino	3-methylcarbamoylbenzyl	H	H	H
amino	2-methylcarbamoylbenzyl	H	H	H

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【表356】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-cyanobenzyl	H	H	H
amino	3-cyanobenzyl	H	H	H
amino	2-cyanobenzyl	H	H	H
amino	4-phenoxybenzyl	H	H	H
amino	3-phenoxybenzyl	H	H	H
amino	2-phenoxybenzyl	H	H	H
amino	4-carboxybenzyl	H	H	H
amino	3-carboxybenzyl	H	H	H
amino	2-carboxybenzyl	H	H	H
amino	4-methoxycarbonylbenzyl	H	H	H
amino	3-methoxycarbonylbenzyl	H	H	H
amino	2-methoxycarbonylbenzyl	H	H	H
amino	4-acetylbenzyl	H	H	H
amino	3-acetylbenzyl	H	H	H
amino	2-acetylbenzyl	H	H	H
amino	4-benzoylbenzyl	H	H	H
amino	3-benzoylbenzyl	H	H	H
amino	2-benzoylbenzyl	H	H	H
amino	phenyl	H	H	H
amino	4-fluorophenyl	H	H	H
amino	3-fluorophenyl	H	H	H
amino	2-fluorophenyl	H	H	H
amino	3,4-difluorophenyl	H	H	H
amino	2,6-difluorophenyl	H	H	H
amino	4-chlorophenyl	H	H	H
amino	3-chlorophenyl	H	H	H
amino	2-chlorophenyl	H	H	H
amino	3,4-dichlorophenyl	H	H	H
amino	2,6-dichlorophenyl	H	H	H
amino	2-methoxyphenyl	H	H	H
amino	3-methoxyphenyl	H	H	H
amino	4-methoxyphenyl	H	H	H
amino	3,4-dimethoxyphenyl	H	H	H
amino	3,4,5-trimethoxyphenyl	H	H	H
amino	2-hydroxyphenyl	H	H	H
amino	3-hydroxyphenyl	H	H	H
amino	4-hydroxyphenyl	H	H	H
amino	3,4-dihydroxyphenyl	H	H	H
amino	4-methylphenyl	H	H	H
amino	3-methylphenyl	H	H	H
amino	2-methylphenyl	H	H	H

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【表 357】

表 3 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	4-aminophenyl	H	H	H
amino	3-aminophenyl	H	H	H
amino	2-aminophenyl	H	H	H
amino	4-dimethylaminophenyl	H	H	H
amino	3-dimethylaminophenyl	H	H	H
amino	2-dimethylaminophenyl	H	H	H
amino	4-methylaminophenyl	H	H	H
amino	3-methylaminophenyl	H	H	H
amino	2-methylaminophenyl	H	H	H
amino	4-cyanophenyl	H	H	H
amino	3-cyanophenyl	H	H	H
amino	2-cyanophenyl	H	H	H
amino	4-phenoxyphenyl	H	H	H
amino	3-phenoxyphenyl	H	H	H
amino	2-phenoxyphenyl	H	H	H
amino	4-carbamoylphenyl	H	H	H
amino	3-carbamoylphenyl	H	H	H
amino	2-carbamoylphenyl	H	H	H
amino	4-methylcarbamoylphenyl	H	H	H
amino	3-methylcarbamoylphenyl	H	H	H
amino	2-methylcarbamoylphenyl	H	H	H
amino	4-dimethylcarbamoylphenyl	H	H	H
amino	3-dimethylcarbamoylphenyl	H	H	H
amino	2-dimethylcarbamoylphenyl	H	H	H
amino	4-carboxyphenyl	H	H	H
amino	3-carboxyphenyl	H	H	H
amino	2-carboxyphenyl	H	H	H
amino	4-methoxycarbonylphenyl	H	H	H
amino	3-methoxycarbonylphenyl	H	H	H
amino	2-methoxycarbonylphenyl	H	H	H
amino	4-acetylphenyl	H	H	H
amino	3-acetylphenyl	H	H	H
amino	2-acetylphenyl	H	H	H
amino	4-benzoylphenyl	H	H	H
amino	3-benzoylphenyl	H	H	H
amino	2-benzoylphenyl	H	H	H
amino	2-(4-fluorophenyl)ethyl	H	H	H
amino	2-(4-chlorophenyl)ethyl	H	H	H
amino	2-(4-methoxyphenyl)ethyl	H	H	H

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[表358]

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	2-chloro	H
amino	methyl	H	3-chloro	H
amino	methyl	H	4-chloro	H
amino	methyl	H	2-fluoro	H
amino	methyl	H	3-fluoro	H
amino	methyl	H	4-fluoro	H
amino	methyl	H	2-bromo	H
amino	methyl	H	3-bromo	H
amino	methyl	H	4-bromo	H
amino	methyl	H	2-nitro	H
amino	methyl	H	3-nitro	H
amino	methyl	H	4-nitro	H
amino	methyl	H	2-methoxy	H
amino	methyl	H	3-methoxy	H
amino	methyl	H	4-methoxy	H
amino	methyl	H	2-chloro	4-chloro
amino	methyl	H	3-chloro	4-chloro
amino	methyl	H	2-fluoro	4-fluoro
amino	methyl	H	3-fluoro	4-fluoro
amino	methyl	H	2-bromo	4-bromo
amino	methyl	H	3-bromo	4-bromo
amino	methyl	H	2-methoxy	4-methoxy
amino	methyl	H	3-methoxy	4-methoxy
amino	methyl	H	2-acetyl	H
amino	methyl	H	3-acetyl	H
amino	methyl	H	4-acetyl	H
amino	methyl	H	2-benzoyl	H
amino	methyl	H	3-benzoyl	H
amino	methyl	H	4-benzoyl	H
amino	methyl	H	2-cyano	H
amino	methyl	H	3-cyano	H
amino	methyl	H	4-cyano	H
amino	methyl	H	2-carbamoyl	H
amino	methyl	H	3-carbamoyl	H
amino	methyl	H	4-carbamoyl	H
amino	methyl	H	2-dimethylcarbamoyl	H
amino	methyl	H	3-dimethylcarbamoyl	H
amino	methyl	H	4-dimethylcarbamoyl	H
amino	methyl	H	2-methylcarbamoyl	H
amino	methyl	H	3-methylcarbamoyl	H

続く

【表359】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	methyl	H	4-methylcarbamoyl	H
amino	methyl	H	2-methoxycarbonyl	H
amino	methyl	H	3-methoxycarbonyl	H
amino	methyl	H	4-methoxycarbonyl	H
amino	methyl	H	2-amino	H
amino	methyl	H	3-amino	H
amino	methyl	H	4-amino	H
amino	methyl	H	2-dimethylamino	H
amino	methyl	H	3-dimethylamino	H
amino	methyl	H	4-dimethylamino	H
amino	methyl	H	2-methylamino	H
amino	methyl	H	3-methylamino	H
amino	methyl	H	4-methylamino	H
amino	methyl	H	2-trifluoromethyl	H
amino	methyl	H	3-trifluoromethyl	H
amino	methyl	H	4-trifluoromethyl	H
amino	methyl	H	2-fluoromethyl	H
amino	methyl	H	3-fluoromethyl	H
amino	methyl	H	4-fluoromethyl	H
amino	methyl	H	2-hydroxy	H
amino	methyl	H	3-hydroxy	H
amino	methyl	H	4-hydroxy	H
amino	methyl	H	4-(4-fluorobenzoyl)	H
amino	methyl	H	3-(4-fluorobenzoyl)	H
amino	methyl	H	2-(4-fluorobenzoyl)	H
amino	methyl	H	4-(4-methylbenzoyl)	H
amino	methyl	H	3-(4-methylbenzoyl)	H
amino	methyl	H	2-(4-methylbenzoyl)	H
amino	methyl	H	4-chloroacetyl	H
amino	methyl	H	3-chloroacetyl	H
amino	methyl	H	2-chloroacetyl	H
amino	methyl	H	4-ethoxycarbonyl	H
amino	methyl	H	3-ethoxycarbonyl	H
amino	methyl	H	2-ethoxycarbonyl	H
amino	methyl	H	4-carboxy	H
amino	methyl	H	3-carboxy	H
amino	methyl	H	2-carboxy	H
amino	methyl	H	4-chloromethoxy	H
amino	methyl	H	3-chloromethoxy	H
amino	methyl	H	2-chloromethoxy	H

続<

[表360]

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	2-chloro	H
amino	ethyl	H	3-chloro	H
amino	ethyl	H	4-chloro	H
amino	ethyl	H	2-fluoro	H
amino	ethyl	H	3-fluoro	H
amino	ethyl	H	4-fluoro	H
amino	ethyl	H	2-bromo	H
amino	ethyl	H	3-bromo	H
amino	ethyl	H	4-bromo	H
amino	ethyl	H	2-nitro	H
amino	ethyl	H	3-nitro	H
amino	ethyl	H	4-nitro	H
amino	ethyl	H	2-methoxy	H
amino	ethyl	H	3-methoxy	H
amino	ethyl	H	4-methoxy	H
amino	ethyl	H	2-chloro	4-chloro
amino	ethyl	H	3-chloro	4-chloro
amino	ethyl	H	2-fluoro	4-fluoro
amino	ethyl	H	3-fluoro	4-fluoro
amino	ethyl	H	2-bromo	4-bromo
amino	ethyl	H	3-bromo	4-bromo
amino	ethyl	H	2-methoxy	4-methoxy
amino	ethyl	H	3-methoxy	4-methoxy
amino	ethyl	H	2-acetyl	H
amino	ethyl	H	3-acetyl	H
amino	ethyl	H	4-acetyl	H
amino	ethyl	H	2-benzoyl	H
amino	ethyl	H	3-benzoyl	H
amino	ethyl	H	4-benzoyl	H
amino	ethyl	H	2-cyano	H
amino	ethyl	H	3-cyano	H
amino	ethyl	H	4-cyano	H
amino	ethyl	H	2-carbamoyl	H
amino	ethyl	H	3-carbamoyl	H
amino	ethyl	H	4-carbamoyl	H
amino	ethyl	H	2-dimethylcarbamoyl	H
amino	ethyl	H	3-dimethylcarbamoyl	H
amino	ethyl	H	4-dimethylcarbamoyl	H
amino	ethyl	H	2-methylcarbamoyl	H
amino	ethyl	H	3-methylcarbamoyl	H

続く

[0081]

【表361】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	ethyl	H	4-methylcarbamoyl	H
amino	ethyl	H	2-methoxycarbonyl	H
amino	ethyl	H	3-methoxycarbonyl	H
amino	ethyl	H	4-methoxycarbonyl	H
amino	ethyl	H	2-amino	H
amino	ethyl	H	3-amino	H
amino	ethyl	H	4-amino	H
amino	ethyl	H	2-dimethylamino	H
amino	ethyl	H	3-dimethylamino	H
amino	ethyl	H	4-dimethylamino	H
amino	ethyl	H	2-methylamino	H
amino	ethyl	H	3-methylamino	H
amino	ethyl	H	4-methylamino	H
amino	ethyl	H	2-trifluoromethyl	H
amino	ethyl	H	3-trifluoromethyl	H
amino	ethyl	H	4-trifluoromethyl	H
amino	ethyl	H	2-fluoromethyl	H
amino	ethyl	H	3-fluoromethyl	H
amino	ethyl	H	4-fluoromethyl	H
amino	ethyl	H	2-hydroxy	H
amino	ethyl	H	3-hydroxy	H
amino	ethyl	H	4-hydroxy	H
amino	ethyl	H	4-(4-fluorobenzoyl)	H
amino	ethyl	H	3-(4-fluorobenzoyl)	H
amino	ethyl	H	2-(4-fluorobenzoyl)	H
amino	ethyl	H	4-(4-methylbenzoyl)	H
amino	ethyl	H	3-(4-methylbenzoyl)	H
amino	ethyl	H	2-(4-methylbenzoyl)	H
amino	ethyl	H	4-chloroacetyl	H
amino	ethyl	H	3-chloroacetyl	H
amino	ethyl	H	2-chloroacetyl	H
amino	ethyl	H	4-ethoxycarbonyl	H
amino	ethyl	H	3-ethoxycarbonyl	H
amino	ethyl	H	2-ethoxycarbonyl	H
amino	ethyl	H	4-carboxy	H
amino	ethyl	H	3-carboxy	H
amino	ethyl	H	2-carboxy	H
amino	ethyl	H	4-chloromethoxy	H
amino	ethyl	H	3-chloromethoxy	H
amino	ethyl	H	2-chloromethoxy	H

続く

[表362]

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	2-chloro	H
amino	propyl	H	3-chloro	H
amino	propyl	H	4-chloro	H
amino	propyl	H	2-fluoro	H
amino	propyl	H	3-fluoro	H
amino	propyl	H	4-fluoro	H
amino	propyl	H	2-bromo	H
amino	propyl	H	3-bromo	H
amino	propyl	H	4-bromo	H
amino	propyl	H	2-nitro	H
amino	propyl	H	3-nitro	H
amino	propyl	H	4-nitro	H
amino	propyl	H	2-methoxy	H
amino	propyl	H	3-methoxy	H
amino	propyl	H	4-methoxy	H
amino	propyl	H	2-chloro	4-chloro
amino	propyl	H	3-chloro	4-chloro
amino	propyl	H	2-fluoro	4-fluoro
amino	propyl	H	3-fluoro	4-fluoro
amino	propyl	H	2-bromo	4-bromo
amino	propyl	H	3-bromo	4-bromo
amino	propyl	H	2-methoxy	4-methoxy
amino	propyl	H	3-methoxy	4-methoxy
amino	propyl	H	2-acetyl	H
amino	propyl	H	3-acetyl	H
amino	propyl	H	4-acetyl	H
amino	propyl	H	2-benzoyl	H
amino	propyl	H	3-benzoyl	H
amino	propyl	H	4-benzoyl	H
amino	propyl	H	2-cyano	H
amino	propyl	H	3-cyano	H
amino	propyl	H	4-cyano	H
amino	propyl	H	2-carbamoyl	H
amino	propyl	H	3-carbamoyl	H
amino	propyl	H	4-carbamoyl	H
amino	propyl	H	2-dimethylcarbamoyl	H
amino	propyl	H	3-dimethylcarbamoyl	H
amino	propyl	H	4-dimethylcarbamoyl	H
amino	propyl	H	2-methylcarbamoyl	H
amino	propyl	H	3-methylcarbamoyl	H

続く

【表363】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	propyl	H	4-methylcarbonyl	H
amino	propyl	H	2-methoxycarbonyl	H
amino	propyl	H	3-methoxycarbonyl	H
amino	propyl	H	4-methoxycarbonyl	H
amino	propyl	H	2-amino	H
amino	propyl	H	3-amino	H
amino	propyl	H	4-amino	H
amino	propyl	H	2-dimethylamino	H
amino	propyl	H	3-dimethylamino	H
amino	propyl	H	4-dimethylamino	H
amino	propyl	H	2-methylamino	H
amino	propyl	H	3-methylamino	H
amino	propyl	H	4-methylamino	H
amino	propyl	H	2-trifluoromethyl	H
amino	propyl	H	3-trifluoromethyl	H
amino	propyl	H	4-trifluoromethyl	H
amino	propyl	H	2-fluoromethyl	H
amino	propyl	H	3-fluoromethyl	H
amino	propyl	H	4-fluoromethyl	H
amino	propyl	H	2-hydroxy	H
amino	propyl	H	3-hydroxy	H
amino	propyl	H	4-hydroxy	H
amino	propyl	H	4-(4-fluorobenzoyl)	H
amino	propyl	H	3-(4-fluorobenzoyl)	H
amino	propyl	H	2-(4-fluorobenzoyl)	H
amino	propyl	H	4-(4-methylbenzoyl)	H
amino	propyl	H	3-(4-methylbenzoyl)	H
amino	propyl	H	2-(4-methylbenzoyl)	H
amino	propyl	H	4-chloroacetyl	H
amino	propyl	H	3-chloroacetyl	H
amino	propyl	H	2-chloroacetyl	H
amino	propyl	H	4-ethoxycarbonyl	H
amino	propyl	H	3-ethoxycarbonyl	H
amino	propyl	H	2-ethoxycarbonyl	H
amino	propyl	H	4-carboxy	H
amino	propyl	H	3-carboxy	H
amino	propyl	H	2-carboxy	H
amino	propyl	H	4-chloromethoxy	H
amino	propyl	H	3-chloromethoxy	H
amino	propyl	H	2-chloromethoxy	H

続ク

[表 364]

表 3 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	2-chloro	H
amino	butyl	H	3-chloro	H
amino	butyl	H	4-chloro	H
amino	butyl	H	2-fluoro	H
amino	butyl	H	3-fluoro	H
amino	butyl	H	4-fluoro	H
amino	butyl	H	2-bromo	H
amino	butyl	H	3-bromo	H
amino	butyl	H	4-bromo	H
amino	butyl	H	2-nitro	H
amino	butyl	H	3-nitro	H
amino	butyl	H	4-nitro	H
amino	butyl	H	2-methoxy	H
amino	butyl	H	3-methoxy	H
amino	butyl	H	4-methoxy	H
amino	butyl	H	2-chloro	4-chloro
amino	butyl	H	3-chloro	4-chloro
amino	butyl	H	2-fluoro	4-fluoro
amino	butyl	H	3-fluoro	4-fluoro
amino	butyl	H	2-bromo	4-bromo
amino	butyl	H	3-bromo	4-bromo
amino	butyl	H	2-methoxy	4-methoxy
amino	butyl	H	3-methoxy	4-methoxy
amino	butyl	H	2-acetyl	H
amino	butyl	H	3-acetyl	H
amino	butyl	H	4-acetyl	H
amino	butyl	H	2-benzoyl	H
amino	butyl	H	3-benzoyl	H
amino	butyl	H	4-benzoyl	H
amino	butyl	H	2-cyano	H
amino	butyl	H	3-cyano	H
amino	butyl	H	4-cyano	H
amino	butyl	H	2-carbamoyl	H
amino	butyl	H	3-carbamoyl	H
amino	butyl	H	4-carbamoyl	H
amino	butyl	H	2-dimethylcarbamoyl	H
amino	butyl	H	3-dimethylcarbamoyl	H
amino	butyl	H	4-dimethylcarbamoyl	H
amino	butyl	H	2-methylcarbamoyl	H
amino	butyl	H	3-methylcarbamoyl	H

続<

【表365】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	butyl	H	4-methylcarbonyl	H
amino	butyl	H	2-methoxycarbonyl	H
amino	butyl	H	3-methoxycarbonyl	H
amino	butyl	H	4-methoxycarbonyl	H
amino	butyl	H	2-amino	H
amino	butyl	H	3-amino	H
amino	butyl	H	4-amino	H
amino	butyl	H	2-dimethylamino	H
amino	butyl	H	3-dimethylamino	H
amino	butyl	H	4-dimethylamino	H
amino	butyl	H	2-methylamino	H
amino	butyl	H	3-methylamino	H
amino	butyl	H	4-methylamino	H
amino	butyl	H	2-trifluoromethyl	H
amino	butyl	H	3-trifluoromethyl	H
amino	butyl	H	4-trifluoromethyl	H
amino	butyl	H	2-fluoromethyl	H
amino	butyl	H	3-fluoromethyl	H
amino	butyl	H	4-fluoromethyl	H
amino	butyl	H	2-hydroxy	H
amino	butyl	H	3-hydroxy	H
amino	butyl	H	4-hydroxy	H
amino	butyl	H	4-(4-fluorobenzoyl)	H
amino	butyl	H	3-(4-fluorobenzoyl)	H
amino	butyl	H	2-(4-fluorobenzoyl)	H
amino	butyl	H	4-(4-methylbenzoyl)	H
amino	butyl	H	3-(4-methylbenzoyl)	H
amino	butyl	H	2-(4-methylbenzoyl)	H
amino	butyl	H	4-chloroacetyl	H
amino	butyl	H	3-chloroacetyl	H
amino	butyl	H	2-chloroacetyl	H
amino	butyl	H	4-ethoxycarbonyl	H
amino	butyl	H	3-ethoxycarbonyl	H
amino	butyl	H	2-ethoxycarbonyl	H
amino	butyl	H	4-carboxy	H
amino	butyl	H	3-carboxy	H
amino	butyl	H	2-carboxy	H
amino	butyl	H	4-chloromethoxy	H
amino	butyl	H	3-chloromethoxy	H
amino	butyl	H	2-chloromethoxy	H

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【表 3 6 6】

表 3 の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	2-chloro	H
amino	benzyl	H	3-chloro	H
amino	benzyl	H	4-chloro	H
amino	benzyl	H	2-fluoro	H
amino	benzyl	H	3-fluoro	H
amino	benzyl	H	4-fluoro	H
amino	benzyl	H	2-bromo	H
amino	benzyl	H	3-bromo	H
amino	benzyl	H	4-bromo	H
amino	benzyl	H	2-nitro	H
amino	benzyl	H	3-nitro	H
amino	benzyl	H	4-nitro	H
amino	benzyl	H	2-methoxy	H
amino	benzyl	H	3-methoxy	H
amino	benzyl	H	4-methoxy	H
amino	benzyl	H	2-chloro	4-chloro
amino	benzyl	H	3-chloro	4-chloro
amino	benzyl	H	2-fluoro	4-fluoro
amino	benzyl	H	3-fluoro	4-fluoro
amino	benzyl	H	2-bromo	4-bromo
amino	benzyl	H	3-bromo	4-bromo
amino	benzyl	H	2-methoxy	4-methoxy
amino	benzyl	H	3-methoxy	4-methoxy
amino	benzyl	H	2-acetyl	H
amino	benzyl	H	3-acetyl	H
amino	benzyl	H	4-acetyl	H
amino	benzyl	H	2-benzoyl	H
amino	benzyl	H	3-benzoyl	H
amino	benzyl	H	4-benzoyl	H
amino	benzyl	H	2-cyano	H
amino	benzyl	H	3-cyano	H
amino	benzyl	H	4-cyano	H
amino	benzyl	H	2-carbamoyl	H
amino	benzyl	H	3-carbamoyl	H
amino	benzyl	H	4-carbamoyl	H
amino	benzyl	H	2-dimethylcarbamoyl	H
amino	benzyl	H	3-dimethylcarbamoyl	H
amino	benzyl	H	4-dimethylcarbamoyl	H
amino	benzyl	H	2-methylcarbamoyl	H
amino	benzyl	H	3-methylcarbamoyl	H

続<

【表367】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	benzyl	H	4-methylcarbonyl	H
amino	benzyl	H	2-methoxycarbonyl	H
amino	benzyl	H	3-methoxycarbonyl	H
amino	benzyl	H	4-methoxycarbonyl	H
amino	benzyl	H	2-amino	H
amino	benzyl	H	3-amino	H
amino	benzyl	H	4-amino	H
amino	benzyl	H	2-dimethylamino	H
amino	benzyl	H	3-dimethylamino	H
amino	benzyl	H	4-dimethylamino	H
amino	benzyl	H	2-methylamino	H
amino	benzyl	H	3-methylamino	H
amino	benzyl	H	4-methylamino	H
amino	benzyl	H	2-trifluoromethyl	H
amino	benzyl	H	3-trifluoromethyl	H
amino	benzyl	H	4-trifluoromethyl	H
amino	benzyl	H	2-fluoromethyl	H
amino	benzyl	H	3-fluoromethyl	H
amino	benzyl	H	4-fluoromethyl	H
amino	benzyl	H	2-hydroxy	H
amino	benzyl	H	3-hydroxy	H
amino	benzyl	H	4-hydroxy	H
amino	benzyl	H	4-(4-fluorobenzoyl)	H
amino	benzyl	H	3-(4-fluorobenzoyl)	H
amino	benzyl	H	2-(4-fluorobenzoyl)	H
amino	benzyl	H	4-(4-methylbenzoyl)	H
amino	benzyl	H	3-(4-methylbenzoyl)	H
amino	benzyl	H	2-(4-methylbenzoyl)	H
amino	benzyl	H	4-chloroacetyl	H
amino	benzyl	H	3-chloroacetyl	H
amino	benzyl	H	2-chloroacetyl	H
amino	benzyl	H	4-ethoxycarbonyl	H
amino	benzyl	H	3-ethoxycarbonyl	H
amino	benzyl	H	2-ethoxycarbonyl	H
amino	benzyl	H	4-carboxy	H
amino	benzyl	H	3-carboxy	H
amino	benzyl	H	2-carboxy	H
amino	benzyl	H	4-chloromethoxy	H
amino	benzyl	H	3-chloromethoxy	H
amino	benzyl	H	2-chloromethoxy	H

続く

【表368】

表3の続き

R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	3-chloro	H
amino	cyclohexylmethyl	H	4-chloro	H
amino	cyclohexylmethyl	H	2-fluoro	H
amino	cyclohexylmethyl	H	3-fluoro	H
amino	cyclohexylmethyl	H	4-fluoro	H
amino	cyclohexylmethyl	H	2-bromo	H
amino	cyclohexylmethyl	H	3-bromo	H
amino	cyclohexylmethyl	H	4-bromo	H
amino	cyclohexylmethyl	H	2-nitro	H
amino	cyclohexylmethyl	H	3-nitro	H
amino	cyclohexylmethyl	H	4-nitro	H
amino	cyclohexylmethyl	H	2-methoxy	H
amino	cyclohexylmethyl	H	3-methoxy	H
amino	cyclohexylmethyl	H	4-methoxy	H
amino	cyclohexylmethyl	H	2-chloro	4-chloro
amino	cyclohexylmethyl	H	3-chloro	4-chloro
amino	cyclohexylmethyl	H	2-fluoro	4-fluoro
amino	cyclohexylmethyl	H	3-fluoro	4-fluoro
amino	cyclohexylmethyl	H	2-bromo	4-bromo
amino	cyclohexylmethyl	H	3-bromo	4-bromo
amino	cyclohexylmethyl	H	2-methoxy	4-methoxy
amino	cyclohexylmethyl	H	3-methoxy	4-methoxy
amino	cyclohexylmethyl	H	2-acetyl	H
amino	cyclohexylmethyl	H	3-acetyl	H
amino	cyclohexylmethyl	H	4-acetyl	H
amino	cyclohexylmethyl	H	2-benzoyl	H
amino	cyclohexylmethyl	H	3-benzoyl	H
amino	cyclohexylmethyl	H	4-benzoyl	H
amino	cyclohexylmethyl	H	2-cyano	H
amino	cyclohexylmethyl	H	3-cyano	H
amino	cyclohexylmethyl	H	4-cyano	H
amino	cyclohexylmethyl	H	2-carbamoyl	H
amino	cyclohexylmethyl	H	3-carbamoyl	H
amino	cyclohexylmethyl	H	4-carbamoyl	H
amino	cyclohexylmethyl	H	2-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	3-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	4-dimethylcarbamoyl	H
amino	cyclohexylmethyl	H	2-methylcarbamoyl	H
amino	cyclohexylmethyl	H	3-methylcarbamoyl	H

続く

【表369】

表3の続き

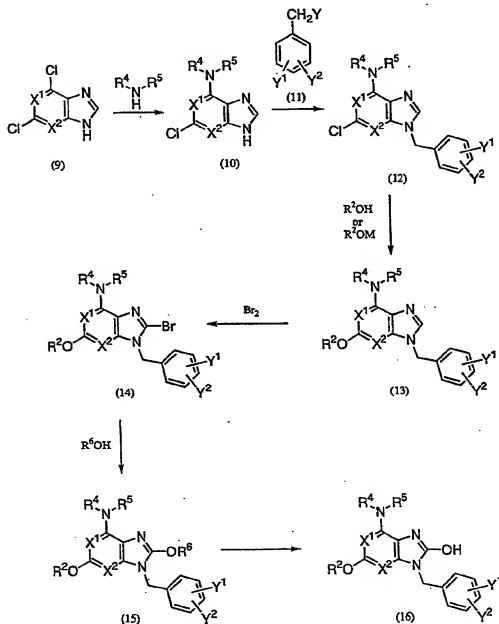
R ¹	R ²	R ³	Y ¹	Y ²
amino	cyclohexylmethyl	H	4-methylcarbonyl	H
amino	cyclohexylmethyl	H	2-methoxycarbonyl	H
amino	cyclohexylmethyl	H	3-methoxycarbonyl	H
amino	cyclohexylmethyl	H	4-methoxycarbonyl	H
amino	cyclohexylmethyl	H	2-amino	H
amino	cyclohexylmethyl	H	3-amino	H
amino	cyclohexylmethyl	H	4-amino	H
amino	cyclohexylmethyl	H	2-dimethylamino	H
amino	cyclohexylmethyl	H	3-dimethylamino	H
amino	cyclohexylmethyl	H	4-dimethylamino	H
amino	cyclohexylmethyl	H	2-methylamino	H
amino	cyclohexylmethyl	H	3-methylamino	H
amino	cyclohexylmethyl	H	4-methylamino	H
amino	cyclohexylmethyl	H	2-trifluoromethyl	H
amino	cyclohexylmethyl	H	3-trifluoromethyl	H
amino	cyclohexylmethyl	H	4-trifluoromethyl	H
amino	cyclohexylmethyl	H	2-fluoromethyl	H
amino	cyclohexylmethyl	H	3-fluoromethyl	H
amino	cyclohexylmethyl	H	4-fluoromethyl	H
amino	cyclohexylmethyl	H	2-hydroxy	H
amino	cyclohexylmethyl	H	3-hydroxy	H
amino	cyclohexylmethyl	H	4-hydroxy	H
amino	cyclohexylmethyl	H	4-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-fluorobenzoyl)	H
amino	cyclohexylmethyl	H	4-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	3-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	2-(4-methylbenzoyl)	H
amino	cyclohexylmethyl	H	4-chloroacetyl	H
amino	cyclohexylmethyl	H	3-chloroacetyl	H
amino	cyclohexylmethyl	H	2-chloroacetyl	H
amino	cyclohexylmethyl	H	4-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	3-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	2-ethoxycarbonyl	H
amino	cyclohexylmethyl	H	4-carboxy	H
amino	cyclohexylmethyl	H	3-carboxy	H
amino	cyclohexylmethyl	H	2-carboxy	H
amino	cyclohexylmethyl	H	4-chloromethoxy	H
amino	cyclohexylmethyl	H	3-chloromethoxy	H
amino	cyclohexylmethyl	H	2-chloromethoxy	H

【0082】

本発明の化合物は以下の方法で製造することができる。

製造法1

【化11】



(式中、 R^2 、 X^1 、 X^2 、 Y^1 および Y^2 は上記一般式(1)で表される化合物の定義と同じ意味を表す。 Y は、ヨウ素原子、臭素原子等のハロゲン原子等の脱離基を表す。 R^4 および R^5 は水素原子、アルキル基を表し、 R^4 および R^5 が水素原子の場合には、適宜、途中の工程でアミノ基の保護基で保護することができるので、 R^4 あるいは R^5 としてアミノ基の保護基が含まれる。また、 R^4 と

R^5 が窒素原子と共に脂環式複素環基を形成してもよい。 R^6 はアルキル基を表す。 M はアルカリ金属カチオンを表す。)

化合物(10)は、化合物(9)とアンモニアあるいは有機アミンを水溶液中あるいは有機溶媒中反応させることにより得ることができる。

アンモニアあるいは有機アミンの量としては、約等倍モルから大過剰の量を用いることができる。

有機溶媒としては、例えば、メタノール、エタノール、プロパノール、ブタノール等のアルコール系溶媒、テトラヒドロフラン、1,4-ジオキサン、ジグライム等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド、アセトニトリル、ヘキサメチルホスホラストリアミド($((CH_3)_2N)_3P$)等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

[0083]

化合物(12)は、化合物(10)と化合物(11)とを塩基存在下、有機溶媒中反応させることにより得ることができる。

化合物(11)の量としては、約等倍モルから数倍モルの量を用いることができる。

塩基としては、例えば、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、例えば、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられ、塩基の量としては、化合物(11)に対して約等倍モル量が好ましい。

有機溶媒としては、例えば、四塩化炭素、クロロホルム、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン、1,4-ジオキサン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド、アセトニトリル、ヘキサメチルホスホラストリアミド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

[0084]

化合物(13)は、化合物(12)と R^2OH または R^2OM を有機溶媒中反応させることにより得ることができる。

R^2OH または R^2OM の量としては、約等倍モルから約数倍モルの量を用いることができる。

試薬として R^2OH を使用する場合には、塩基存在下で反応を行うことが必要であり、使用される塩基としては、ナトリウム、カリウム等のアルカリ金属、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられ、塩基の量としては、 R^2OH に対して約等倍モル量が好ましい。

有機溶媒としては、例えば、ジメチルホルムアミド、アセトニトリル、ヘキサメチルホスホラストリアミド等の非プロトン性溶媒、ジエチルエーテル、テトラヒドロフラン、1,4-ジオキサン、ジグライム等のエーテル系溶媒等が挙げられる。あるいは、試薬として使用するアルコール化合物(例えば、メタノール、エタノール、プロパノール、ブタノール等が挙げられる。)等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0085】

化合物(14)は、化合物(13)と臭素(Br_2)を有機溶媒中反応させることにより得ることができる。

反応において、例えば、酢酸ナトリウム等の反応助剤を加えてもよい。

臭素の量としては化合物(13)に対して約等倍モルから約数倍モルの量用いることができるが、等倍モル～約1.5倍モルの範囲が好ましい。

有機溶媒としては、例えば、四塩化炭素、塩化メチレン、ジクロロエタン等のハロゲン化炭化水素系溶媒、ジエチルエーテル等のエーテル系溶媒、酢酸、二硫化炭素等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0086】

化合物(15)は、化合物(14)とメタノール等のアルコール化合物を塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、ナトリウム、カリウム等のアルカリ金属、水素化ナト

リウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられ、塩基の量としては、化合物(14)に対して約等倍モル〜約2倍モル量が好ましい。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン、1,4-ジオキサン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル、ヘキサメチルホスホリクトリアミド等の非プロトン性溶媒等が挙げられる。あるいは、試薬として使用するアルコール化合物(例えば、メタノール、エタノール、プロパノール、ブタノール等が挙げられる。)が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0087】

化合物(16)は、化合物(15)を水あるいは水と有機溶媒の混合溶媒中、酸で処理することにより得ることができる。

酸としては、例えば、塩酸、臭化水素酸等の無機酸、トリフルオロ酢酸等の有機酸等が挙げられる。

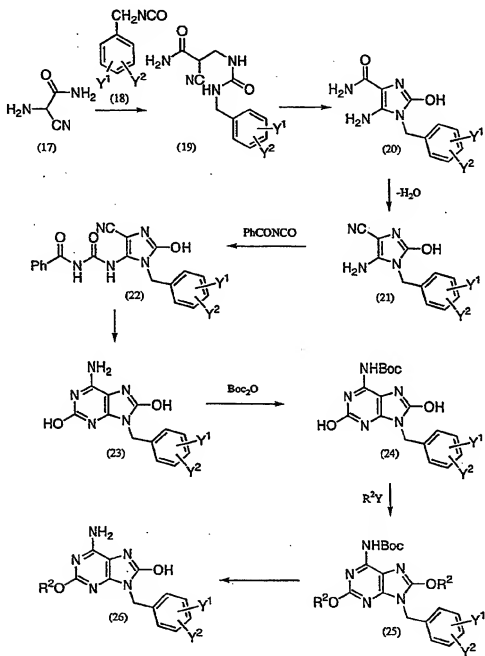
有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール、プロパノール等のアルコール系溶媒、酢酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0088】

製造法2

【化12】



(式中、R²、Y¹およびY²は上記一般式(1)で表される化合物の定義と同じ意味を表す。Bocはt-ブトキシカルボニル基を表す。Yは、ヨウ素原子、臭素原子等のハロゲン原子等の脱離基を表す。)

化合物(19)は、有機溶媒中化合物(17)と化合物(18)とを反応させること

により得ることができる。反応は塩基存在下、または、非存在下で行うことができる。

塩基としては、例えば、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基等が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン、1, 4-ジオキサン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド、アセトニトリル等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0089】

化合物(20)は、水あるいは有機溶媒またはこれらの混合溶媒中、化合物(19)を閉環させることにより得ることができる。反応は塩基存在下、または、非存在下で行うことができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、ナトリウムメトキシド等のアルカリ金属アルコキシド、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、テトラヒドロフラン、1, 4-ジオキサン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール、2-プロパノール等のアルコール系溶媒等が挙げられる。

反応温度は、例えば、溶媒の沸点付近の範囲から選択される。

【0090】

化合物(21)は、化合物(20)を、脱水剤存在下、有機溶媒中で脱水反応に付することにより得ることができる。

脱水剤としては、例えば、五酸化二リン、ジシクロヘキシルカルボジイミド等が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0091】

化合物(22)は、化合物(21)とベンゾイルイソシアネートとを有機溶媒中、反応させることにより得ることができる。反応は塩基存在下、または、非存在下で行うことができる。

塩基としては、例えば、炭酸カリウム等のアルカリ金属炭酸塩、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン類、4-ジメチルアミノピリジン、ピリジン等のピリジン類等が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン系溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0092】

化合物(23)は、化合物(22)を塩基存在下、水あるいは有機溶媒またはこれらの混合溶媒中反応させることにより得ることができる。

有機溶媒としては、例えば、メタノール、エタノール、2-プロパノール等のアルコール系溶媒、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン系溶媒等が挙げられる。

塩基としては、例えば、水酸化ナトリウム等のアルカリ金属水酸化物、アンモニア等の無機塩基、トリエチルアミン等の三級アミン類、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0093】

化合物(23)のアミノ基を保護し、次工程で置換基を導入することができる。同時に8位に置換基が導入された場合は、酸により、アミノ基の保護基と同時に除去することができる。アミノ基の保護基は適時、条件を選び除去することがで

きる。以下、例を示す。

【0094】

例えば、アミノ基の保護基が α -トキシカルボニル基である場合、化合物(24)は、化合物(23)を二炭酸ジ α -ブチルと塩基存在下、水あるいは有機溶媒またはこれらの混合溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール等のアルコール系溶媒等が挙げられる。

反応温度は、約0℃から約室温までの範囲から選択される。

【0095】

化合物(25)は、化合物(24)を R^2Y と塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド等の非プロトン性溶媒等

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0096】

化合物(26)は、化合物(25)を水あるいは水と有機溶媒の混合溶媒中、酸で処理することにより得ることができる。

酸としては、例えば、塩酸、臭化水素酸等の無機酸、トリフルオロ酢酸等の有

機酸が挙げられる。

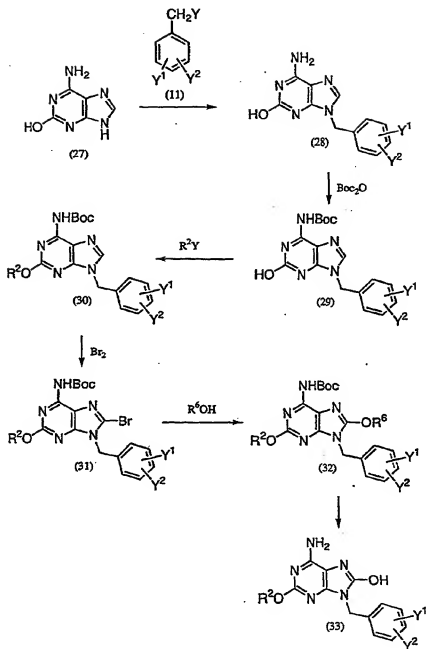
有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール、プロパノール等のアルコール系溶媒、酢酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0097】

製造法3

【化13】



(式中、 R^2 、 Y^1 および Y^2 は上記一般式(1)で表される化合物の定義と同じ意味を表す。 Y は塩素原子、臭素原子、ヨウ素原子等のハロゲン原子等の脱離基を表す。)

化合物(28)は、化合物(27)と化合物(11)を塩基存在下、有機溶媒中反応

させることにより得ることができる。

塩基としては、例えば、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、例えば、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド、アセトニトリル等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0098】

化合物(28)のアミノ基を保護し、次工程で置換基を導入することができる。アミノ基の保護基は適時、条件を選び除去することができる。以下、例を示す。

【0099】

例えば、アミノ基の保護基が α -ブトキシカルボニル基である場合、化合物(29)は、化合物(28)を二炭酸ジ α -ブチルと塩基存在下、水あるいは有機溶媒またはこれらの混合溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール等のアルコール系溶媒等が挙げられる。

反応温度は、約0℃から約室温までの範囲から選択される。

【0100】

化合物(30)は、化合物(29)と R^2Y を塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属

水酸化物、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約-78℃から溶媒の沸点付近までの範囲から選択される。

【0101】

化合物(31)は、化合物(30)と臭素(Br_2)とを有機溶媒中、反応させることにより得ることができる。

反応において、例えば、酢酸ナトリウム等の反応助剤を加えてもよい。

有機溶媒としては、例えば、四塩化炭素、塩化メチレン、ジクロロエタン等のハロゲン化炭化水素系溶媒、ジエチルエーテル等のエーテル系溶媒、酢酸、二硫化炭素等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0102】

化合物(32)は、化合物(31)とメタノール等のアルコール化合物を塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、ナトリウム、カリウム等のアルカリ金属、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒等が挙げられる。あるいは、試薬として使用するアルコール化合物(例えば、メタノール、エタノール、プロパノール、ブタノール等が挙げられる。)が挙げられる。

反応温度は、例えば、室温から溶媒の沸点付近までの範囲から選択される。

【0103】

化合物(33)は、化合物(32)を水あるいは水と有機溶媒の混合溶媒中、酸で処理することにより得ることができる。

酸としては、例えば、塩酸、臭化水素酸等の無機酸、トリフルオロ酢酸等の有機酸等が挙げられる。

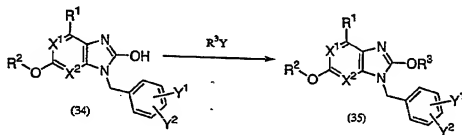
有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール、プロパノール等のアルコール系溶媒、酢酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0104】

製造法4

【化14】



(式中、 R^1 、 R^2 、 R^3 、 X^1 、 X^2 、 Y^1 および Y^2 は上記一般式(1)で表される化合物の定義と同じ意味を表す。Yは塩素原子、臭素原子、ヨウ素原子等のハロゲン原子等の脱離基を表す。)

化合物(35)は、化合物(34)と R^3Y とを塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、ジメチルアミノピリジン、ピリジン等のピリジン類等が挙げられる。

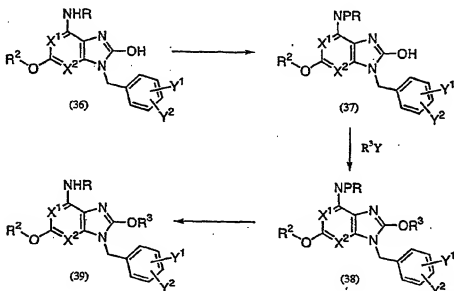
有機溶媒としては、例えば、塩化メチレン、ジクロロエタン等のハロゲン化炭化水素溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、アセトニトリル、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約 -78°C から溶媒の沸点付近までの範囲から選択される。

【0105】

上記反応で R^1 に保護が必要な場合は以下のように行う。

【化15】



(式中、 R^2 、 R^3 、 X^1 、 X^2 、 Y^1 および Y^2 は上記一般式(1)で表される化合物の定義と同じ意味を表す。 R は水素原子、アルキル基または置換アルキル基を表す。 P はアセチル基、クロロアセチル基、ジクロロアセチル基、トリクロロアセチル基、トリフルオロアセチル基等の保護基を表す。)

化合物(37)は、化合物(36)と相当する酸、酸無水物等とを反応させることにより得ることができる。

酸としては、例えば、酢酸、クロロ酢酸、ジクロロ酢酸、トリクロロ酢酸、ト

リフルオロ酢酸等が挙げられる。

酸無水物としては、例えば、無水酢酸、無水クロロ酢酸、無水ジクロロ酢酸、無水トリクロロ酢酸、無水トリフルオロ酢酸等が挙げられる。

酸と反応させる場合は、縮合剤の存在下、有機溶媒中行うことができる。縮合剤としては、例えば、ジシクロヘキシルカルボジイミド等が挙げられる。また、反応に、例えば、4-ジメチルアミノピリジン等の反応助剤を加えてもよい。

有機溶媒としては、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド等の非プロトン性溶媒、メタノール、エタノール、2-プロパノール等のアルコール系溶媒等が挙げられる。

反応温度は、約0℃～約室温の範囲から選択される。

酸無水物と反応させる場合は、塩基存在下、有機溶媒中行うことができる。塩基としては、トリエチルアミン等の三級アミン類、ピリジン、4-ジメチルアミノピリジン等のピリジン類等が挙げられる。有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド等の非プロトン性溶媒、メタノール、エタノール、2-プロパノール等のアルコール系溶媒等が挙げられる。また、これらの有機溶媒に水を加えてもよい。好ましくは、水またはメタノール、エタノール等のアルコール系溶媒あるいはこれらの混合溶媒を用いるのがよい。反応温度は、約0℃から約100℃までの範囲から選択される。

[0106]

化合物(38)は、化合物(37)と R^3Y とを塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、ジメチルアミノピリジン、ピリジン等のピリジン類等が挙げられる。

有機溶媒としては、例えば、塩化メチレン、ジクロロエタン等のハロゲン化炭化水素溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、アセトニトリル、ジメチルホルムアミド、ジメチルスルホキシド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約-78℃から溶媒の沸点付近までの範囲から選択される。

【0107】

化合物(39)は、化合物(38)を水または有機溶媒あるいはこれらの混合溶媒中、塩基存在下、脱保護し得られる。

有機溶媒としては、例えばメタノール、エタノール、2-プロパノール等のアルコール系溶媒等が挙げられる。

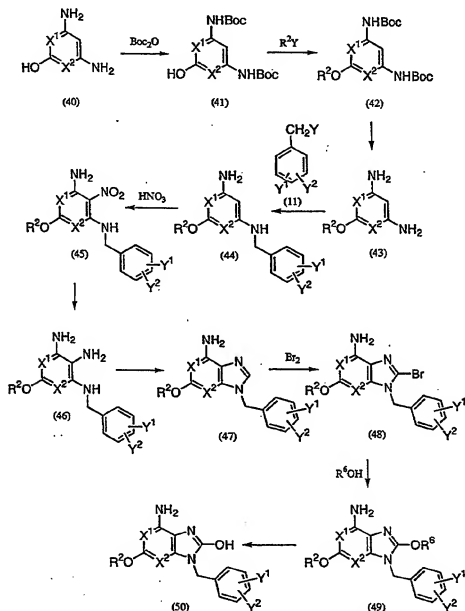
塩基としては、例えば、水酸化カリウム、水酸化ナトリウム等のアルカリ金属水酸化物、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0108】

製造法5

【化16】



(式中、 R^2 、 R^3 、 X^1 、 X^2 、 Y^1 および Y^2 は上記一般式(1)で表される化合物の定義と同じ意味を表す。 Y は、塩素原子、ヨウ素原子、臭素原子等のハロゲン原子等の脱離基を表す。 R^6 はアルキル基を表す。)

化合物(40)のアミノ基を保護し、次工程で置換基を導入することができる。アミノ基の保護基は適時、条件を選び除去することができる。以下、例を示す。

【0109】

例えば、アミノ基の保護基が α -ブトキシカルボニル基である場合、化合物(41)は、化合物(40)を二炭酸ジ α -ブチルと塩基存在下、水あるいは有機溶媒またはこれらの混合溶媒中反応させることにより、得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、4-ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール等のアルコール系溶媒等が挙げられる。

反応温度は、約0℃から約室温までの範囲から選択される。

【0110】

化合物(42)は、化合物(41)を R^2Y と塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、水酸化ナトリウム、水酸化カリウム等のアルカリ金属水酸化物、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約-78℃から約室温までの範囲から選択される。

【0111】

化合物(43)は、化合物(42)を水あるいは水と有機溶媒の混合溶媒中、酸で処理することにより得ることができる。

酸としては、例えば、塩酸、臭化水素酸等の無機酸、トリフルオロ酢酸等の有機酸等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メ

タノール、エタノール、プロパノール等のアルコール系溶媒、酢酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0112】

化合物(44)は、化合物(43)と化合物(11)を塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、炭酸ナトリウム、炭酸カリウム等のアルカリ金属炭酸塩等の無機塩基、例えば、トリエチルアミン、ジイソプロピルエチルアミン等の三級アミン、ジメチルアミノピリジン、ピリジン等のピリジン類等の有機塩基が挙げられる。

有機溶媒としては、例えば、塩化メチレン等のハロゲン化炭化水素系溶媒、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、ジメチルスルホキシド、アセトニトリル等の非プロトン性溶媒等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0113】

化合物(45)は、化合物(44)をニトロ化することにより得ることができる。

ニトロ化の方法としては、例えば、酢酸等の有機溶媒中、硝酸を加える方法等が挙げられる。

反応温度は、例えば、約-20℃から溶媒の沸点付近までの範囲から選択される。

【0114】

化合物(46)は、化合物(45)を有機溶媒中、還元することにより得ることができる。

還元剤としては、水素、水素化ホウ素ナトリウム、水素化リチウムアルミニウム等が用いられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0115】

化合物(47)は、化合物(46)とギ酸またはトリメチルオルトギ酸エステル等を酸存在下、反応させることにより得ることができる。

酸としては、塩酸等の無機酸、トシル酸、カンファースルホン酸等の有機酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0116】

化合物(48)は、化合物(47)と臭素(Br_2)とを有機溶媒中、反応させることにより得ることができる。

反応において、例えば、酢酸ナトリウム等の反応助剤を加えてもよい。

有機溶媒としては、例えば、四塩化炭素、塩化メチレン、ジクロロエタン等のハロゲン化炭化水素系溶媒、ジエチルエーテル等のエーテル系溶媒、酢酸、二硫化炭素等が挙げられる。

反応温度は、例えば、約0℃から溶媒の沸点付近までの範囲から選択される。

【0117】

化合物(49)は、化合物(48)と R^6OH を塩基存在下、有機溶媒中反応させることにより得ることができる。

塩基としては、例えば、ナトリウム、カリウム等のアルカリ金属、水素化ナトリウム、水素化カリウム等のアルカリ金属水素化物、メチルリチウム、ブチルリチウム、リチウムジイソプロピルアミド等の有機金属塩等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒等が挙げられる。あるいは、試薬として使用するアルコール化合物(例えば、メタノール、エタノール、プロパノール、ブタノール等が挙げられる。)が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0118】

化合物(50)は、化合物(49)を水または水と有機溶媒との混合溶媒中、酸で処理することにより得ることができる。

酸としては、例えば、塩酸、臭化水素酸等の無機酸、トリフルオロ酢酸等の有機酸等が挙げられる。

有機溶媒としては、例えば、ジエチルエーテル、テトラヒドロフラン等のエーテル系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン性溶媒、メタノール、エタノール、プロパノール等のアルコール系溶媒、酢酸等が挙げられる。

反応温度は、例えば、約室温から溶媒の沸点付近までの範囲から選択される。

【0119】

本発明化合物(1)またはそれを製造するための中間体は通常の方法で精製することができる。例えば、カラムクロマトグラフィー、再結晶等で精製することができる。再結晶溶媒としては例えばメタノール、エタノール、2-プロパノール等のアルコール系溶媒、ジエチルエーテル等のエーテル系溶媒、酢酸エチル等のエステル系溶媒、ベンゼン、トルエン等の芳香族炭化水素系溶媒、アセトン等のケトン系溶媒、ヘキサン等の炭化水素系溶媒、ジメチルホルムアミド、アセトニトリル等の非プロトン系溶媒等又はこれらの混合溶媒等が挙げられる。

また、上述の反応を実行する際、必要ならば、保護、脱保護の技術を用いることができる。保護、脱保護の技術の技術については、(T.W.Greene and P.G.M. Wuts, "Protecting Groups in Organic Synthesis", 1990)に詳しく記されている。

本発明化合物(1)において不斉炭素有する場合には、光学異性体が存在するが、これら光学異性体の混合物や単離されたものも本件発明化合物(1)に含まれる。

【0120】

本発明化合物(1)はインターフェロン誘導剤として経口的または非経口的に投与することができる。経口的に投与する場合、通常用いられる投与形態、例えば錠剤、カプセル剤、シロップ剤、懸濁液等で投与することができる。非経口的に投与する場合は、例えば溶液、乳剤、懸濁液等の液剤を注射剤として投与すること、坐剤の形で直腸投与すること、経皮剤として皮膚より投与すること、噴霧剤として投与すること等ができる。このような投与剤型は通常の担体、賦形剤、結

合剤、安定剤などと有効成分を配合することにより一般的方法に従って製造することができる。注射剤型で用いる場合には、緩衝剤、溶解補助剤、等張剤等を添加することもできる。

投与量、投与回数は対象とする疾患、患者の症状、年齢、体重、性別等、および投与形態によって異なるが、経口投与する場合、有効成分は通常は成人に対して1日当たり約1～1000mgの範囲、好ましくは約10～500mgの範囲を1回または数回に分けて投与することができる。注射剤として投与する場合には、有効成分は約0.1～500mgの範囲、好ましくは約3～約100mgの範囲を1回または数回に分けて投与することができる。

本発明のインターフェロン誘導剤は、具体的に例えば、抗ウイルス剤、抗癌剤、あるいは免疫疾患治療剤等の治療剤または予防剤として用いることができる。投与方法としては、上記の経口的または非経口的投与方法が挙げられる。

【0121】

【実施例】

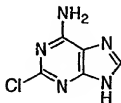
本発明化合物の製造法およびその薬理作用につき、実施例および参考例を挙げて説明する。本発明はこれら実施例に限定されるものではない。

【0122】

参考例 1

6-アミノ-2-クロロプリン

【化17】



2, 6-ジクロロプリン 0.5 g (2.7 mmol) を 30% アンモニア-メタノール溶液に溶解し、オートクレーブ中で 100℃、12 時間加熱した。溶液を濃縮することによって、粗製の標題化合物を得た。このサンプルはさらに精製することなく次の反応に用いることができる。

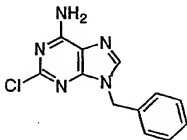
$^1\text{H-NMR}$ ($\text{DMSO}-d_6$) δ : 8.13 (1H, s), 7.66 (2H, br s).

【0123】

参考例 2

6-アミノ-9-ベンジル-2-クロロプリン

【化18】



6-アミノ-2-クロロプリン 295 mg と炭酸カリウム 0.55 g (4.0 mmol) の DMF 10 ml 懸濁液に、ベンジルブロマイド 0.17 ml (1.4 mmol) を加えて室温下 4 時間攪拌した。懸濁液を減圧乾固し、残渣に食塩水を加えてクロロホルムで抽出した。有機層を食塩水で洗浄し、硫酸マグネシウムで乾燥後、減圧乾固した。残渣を 5%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、エタノールによる再結晶を行って、標題化合物 200 mg を得た (58%)。

融点: 216-218°C

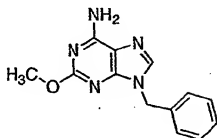
UV λ_{max} (EtOH): 265.7 nm

$^1\text{H-NMR}$ ($\text{DMSO}-d_6$) δ : 8.26 (1H, s), 7.81 (2H, br s), 7.31 (5H, m), 5.34 (2H, s).

【0124】

参考例 36-アミノ-9-ベンジル-2-メトキシプリン

【化19】

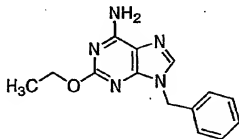


6-アミノ-9-ベンジル-2-クロロプリン200mg(0.77mmol)とナトリウムメチラート208mg(3.85mmol)のメタノール20ml溶液を加熱還流下30時間攪拌した。反応液を減圧乾固し、残渣に水を加えてクロロホルム抽出した。有機層を硫酸ナトリウムで乾燥後、減圧乾固した。残渣を2%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物151mgを得た(77%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 8.05(1H, s), 7.37-7.25(7H, m), 5.26(2H, s), 3.81(3H, s)。

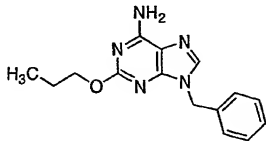
【0125】

参考例 46-アミノ-9-ベンジル-2-エトキシプリン

¹H-NMR(DMSO-d₆) δ : 8.04(1H, s), 7.37-7.21(7H, m), 5.25(2H, s), 4.25(2H, q, J=7.1Hz), 1.27(3H, t, J=7.1Hz).

参考例 5

【化 2 1】



4 3 0

出証特平 1 0 - 3 1 0 3 8 3 0

ル 20 ml 溶液を加熱還流下 3 時間攪拌した。反応液を減圧乾固し、残渣に水を加えてクロロホルム抽出した。有機層を硫酸ナトリウムで乾燥後、減圧乾固した。残渣を 2%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物 162 mg を得た (74%)。

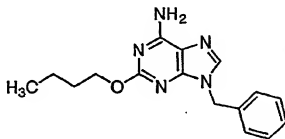
$^1\text{H-NMR}$ (DMSO-d_6) δ : 8.04 (1H, s), 7.37-7.21 (7H, m), 5.26 (2H, s), 4.16 (2H, t, $J=6.6\text{Hz}$), 1.68 (2H, m), 0.95 (3H, t, $J=7.3\text{Hz}$)。

【0127】

参考例 6

6-アミノ-9-ベンジル-2-(n-ブトキシ)プリン

【化22】



6-アミノ-9-ベンジル-2-クロロプリン 200 mg (0.77 mmol) とナトリウム n-ブチレート 370 mg (3.85 mmol) の n-ブタノール 20 ml 溶液を加熱還流下 2 時間攪拌した。反応液を減圧乾固し、残渣に水を加えてクロロホルム抽出した。有機層を硫酸ナトリウムで乾燥後、減圧乾固した。残渣を 2%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物 131 mg を得た (54%)。

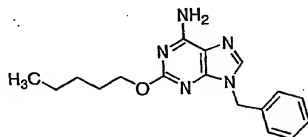
$^1\text{H-NMR}$ (DMSO-d_6) δ : 8.03 (1H, s), 7.37-7.21 (7H, m), 5.25 (2H, s), 4.20 (2H, t, $J=6.4\text{Hz}$), 1.65 (2H, m), 1.39 (2H, m), 0.92 (3H, t, $J=7.3\text{Hz}$)。

【0128】

参考例 7

6-アミノ-9-ベンジル-2-(n-ペントキシ)プリン

【化23】



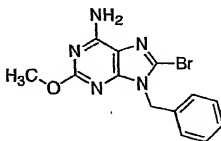
6-アミノ-9-ベンジル-2-クロロプリン150mg(0.58mmol)とナトリウムn-ペンチラート318mg(2.89mmol)のn-ペンタノール50ml溶液を130℃に加熱下5時間攪拌した。反応液を減圧乾固し、残渣に水を加えてクロロホルム抽出した。有機層を硫酸ナトリウムで乾燥後、減圧乾固した。残渣を2%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物103mgを得た(57%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 8.03(1H, s), 7.37-7.25(5H, m), 7.20(2H, br s), 5.26(2H, s), 4.20(2H, t, $J=6.6\text{Hz}$), 1.67(2H, m), 1.33(4H, m), 0.88(3H, t, $J=6.6\text{Hz}$)。

【0129】

参考例 86-アミノ-9-ベンジル-8-ブロモ-2-メトキシプリン

【化24】



6-アミノ-9-ベンジル-2-メトキシプリン118mg(0.46mmol)

)と臭素0.5 mlの塩化メチレン50 ml溶液を室温下5時間攪拌した。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物90 mgを得た(58%)。

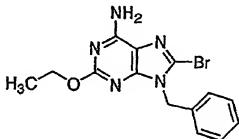
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.48(2H, br s), 7.39-7.24(5H, m), 5.26(2H, s), 3.82(3H, s)。

【0130】

参考例 9

6-アミノ-9-ベンジル-8-ブロモ-2-エトキシプリン

【化25】



6-アミノ-9-ベンジル-2-エトキシプリン143 mg(0.53 mmol)と臭素0.5 mlの塩化メチレン50 ml溶液を室温下5時間攪拌した。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物42 mgを得た(23%)。

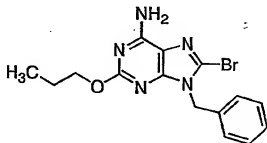
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.43(2H, br s), 7.38-7.24(5H, m), 5.25(2H, s), 4.26(2H, q, $J=7.1\text{Hz}$), 1.28(3H, t, $J=7.1\text{Hz}$)。

【0131】

参考例 10

6-アミノ-9-ベンジル-8-ブロモ-2-(n-プロポキシ)プリン

【化26】



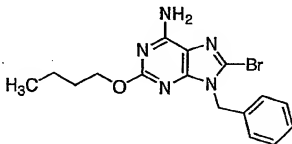
6-アミノ-9-ベンジル-2-n-プロポキシプリン 134 mg (0.473 mmol) と臭素 0.5 ml の塩化メチレン 50 ml 溶液を室温下 5 時間攪拌した。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣を 1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物 55 mg を得た (32%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.43 (2H, br s), 7.38-7.23 (5H, m), 5.25 (2H, s), 4.16 (2H, t, $J=6.6\text{Hz}$), 1.70 (2H, m), 0.94 (3H, t, $J=7.3\text{Hz}$)。

【0132】

参考例 116-アミノ-9-ベンジル-8-ブロモ-2-(n-ブトキシ)プリン

【化27】



6-アミノ-9-ベンジル-2-(n-ブトキシ)プリン 120 mg (0.404 mmol) と臭素 0.5 ml の塩化メチレン 50 ml 溶液を室温下 5 時間攪拌した

。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物97mgを得た(64%)。

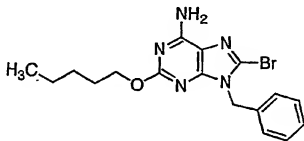
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.44(2H, br s), 7.37-7.23(5H, m), 5.26(2H, s), 4.21(2H, t, $J=6.4\text{Hz}$), 1.64(2H, m), 1.39(2H, m), 0.91(3H, t, $J=7.3\text{Hz}$)。

【0133】

参考例 12

6-アミノ-9-ベンジル-8-ブロモ-2-(n-ペントキシ)プリン

【化28】



6-アミノ-9-ベンジル-2-(n-ペントキシ)プリン95mg(0.305mmol)と臭素0.5mlの塩化メチレン100ml溶液を室温下1時間攪拌した。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物78mgを得た(82%)。

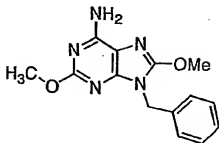
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.42(2H, br s), 7.37-7.22(5H, m), 5.25(2H, s), 4.19(2H, t, $J=6.4\text{Hz}$), 1.66(2H, m), 1.33(4H, m), 0.88(3H, t, $J=6.8\text{Hz}$)。

【0134】

実施例 1

6-アミノ-9-ベンジル-2, 8-ジメトキシプリン

【化29】



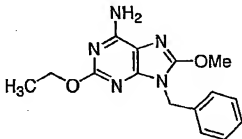
6-アミノ-9-ベンジル-8-ブromo-2-メトキシプリン125mg(0.374mmol)のメタノール10ml溶液に、10Nの水酸化ナトリウム水溶液50mlを添加し、2時間加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物83mgを得た(78%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.73-7.23(5H, m), 6.90(2H, br s), 5.05(2H, s), 4.04(3H, s), 3.78(3H, s)。

【0135】

実施例 26-アミノ-9-ベンジル-2-エトキシ-8-メトキシプリン

【化30】



6-アミノ-9-ベンジル-8-ブromo-2-エトキシプリン35mg(0.101mmol)のメタノール5ml溶液に、10Nの水酸化ナトリウム水溶液50mlを添加し、2時間加熱還流した。反応液を減圧乾固し、残渣に水を加えて

クロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物22mgを得た(73%)。

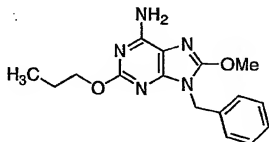
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.73-7.23(5H, m), 6.86(2H, br s), 5.04(2H, s), 4.22(2H, q, $J=7.1\text{Hz}$), 4.04(3H, s), 1.27(3H, t, $J=7.1\text{Hz}$).

【0136】

実施例 3

6-アミノ-9-ベンジル-8-メトキシ-2-(n-プロポキシ)プリン

【化31】



6-アミノ-9-ベンジル-8-プロモ-2-(n-プロボキシ)プリン123 mg (0.339 mmol) のメタノール10 ml 溶液に、10 N の水酸化ナトリウム水溶液50 ml を添加し、2時間加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣を1%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物99 mg を得た(93%)。

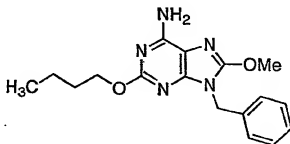
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.36-7.22 (5H, m), 6.86 (2H, br s), 5.04 (2H, s), 4.12 (2H, t, $J=6.8\text{Hz}$), 4.04 (3H, s), 1.67 (2H, m), 0.94 (3H, t, $J=7.3\text{Hz}$).

【0137】

実施例 4

6-アミノ-9-ベンジル-2-(n-ブトキシ)-8-メトキシプリン

【化32】



6-アミノ-9-ベンジル-8-プロモ-2-(n-ブトキシ)プリン55 mg (0.146 mmol) のメタノール5 ml 溶液に10 N の水酸化ナトリウム水溶

液 25 ml を添加し、2 時間加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣を 1% -メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物 32 mg を得た (67%)。

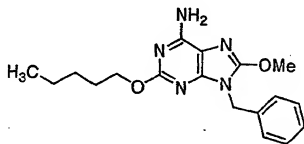
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.36-7.23 (5H, m), 6.85 (2H, br s), 5.04 (2H, s), 4.17 (2H, t, $J=6.4\text{Hz}$), 4.03 (3H, s), 1.64 (2H, m), 1.39 (2H, m), 0.91 (3H, t, $J=7.3\text{Hz}$)。

【0138】

実施例 5

6-アミノ-9-ベンジル-8-メトキシ-2-(n-ペントキシ)プリン

【化33】



6-アミノ-9-ベンジル-8-ブロモ-2-(n-ペントキシ)プリン 71 mg (0.182 mmol) のメタノール 10 ml 溶液に 28% ナトリウムメトレート溶液 2 ml を添加し、4 時間加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣を 2% -メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物 49 mg を得た (79%)。

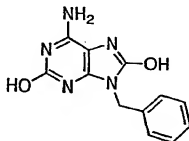
$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.35-7.22 (5H, m), 6.84 (2H, br s), 5.04 (2H, s), 4.16 (2H, t, $J=6.4\text{Hz}$), 4.04 (3H, s), 1.64 (2H, m), 1.33 (4H, m), 0.88 (3H, t, $J=6.8\text{Hz}$)。

【0139】

実施例 6

6-アミノ-9-ベンジル-2,8-ジヒドロキシプリン

【化34】



6-アミノ-9-ベンジル-8-ブロモ-2-メトキシプリン75mg(0.224mmol)の濃塩酸15ml溶液を5時間加熱還流した。反応液を28%アンモニア水で塩基性とし、析出物を濾取し水洗した後、0.2%アンモニア水-5%メタノール-クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物12mgを得た(21%)。

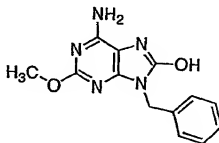
$^1\text{H-NMR}$ (DMSO- d_6) δ :9.64(2H, br s), 7.34-7.22(6H, m), 6.51(2H, br s), 4.78(2H, s)。

【0140】

実施例 7

6-アミノ-9-ベンジル-2-メトキシ-8-プリノール

【化35】



6-アミノ-9-ベンジル-2,8-ジメトキシプリン53mg(0.186mmol)の濃塩酸10ml溶液を室温下3時間攪拌した。反応液を28%アンモ

ニア水で塩基性とし、析出物を濾取し水洗することにより、標題化合物 3.8 mg を得た (75%)。

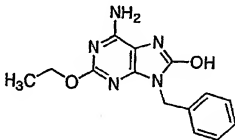
$^1\text{H-NMR}$ (DMSO-d_6) δ : 9.95 (1H, br s), 7.35-7.22 (5H, m), 6.50 (2H, br s), 4.86 (2H, s), 3.76 (3H, s)。

【0141】

実施例 8

6-アミノ-9-ベンジル-2-エトキシ-8-ブリノール

【化36】



6-アミノ-9-ベンジル-2-エトキシ-8-メトキシプリン 18 mg (0.06 mmol) の濃塩酸 5 ml 溶液を室温下 3 時間攪拌した。反応液を 2% アンモニア水で塩基性とし、析出物を濾取し水洗することにより、標題化合物 11 mg を得た (64%)。

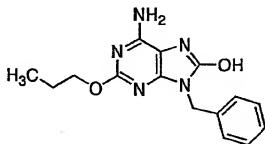
$^1\text{H-NMR}$ (DMSO-d_6) δ : 9.96 (1H, br s), 7.35-7.23 (5H, m), 6.45 (2H, br s), 4.85 (2H, s), 4.19 (2H, q, $J=7.1\text{Hz}$), 1.25 (3H, t, $J=7.1\text{Hz}$)。

【0142】

実施例 9

6-アミノ-9-ベンジル-2-(n-プロポキシ)-8-ブリノール

【化37】



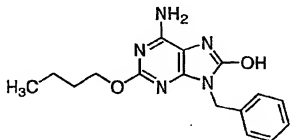
6-アミノ-9-ベンジル-8-メトキシ-2-(n-プロポキシ)プリン75 mg (0.24 mmol)の濃塩酸15 ml 溶液を室温下3時間攪拌した。反応液を28%アンモニア水で塩基性とし、析出物を濾取し水洗することにより、標題化合物59 mgを得た(83%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 9.96 (1H, br s), 7.35-7.22 (5H, m), 6.45 (2H, br s), 4.86 (2H, s), 4.10 (2H, t, J=6.8 Hz), 1.65 (2H, m), 0.93 (3H, t, J=7.3 Hz)。

【0143】

実施例 106-アミノ-9-ベンジル-2-(n-ブトキシ)-8-プリンオール

【化38】



6-アミノ-9-ベンジル-2-(n-ブトキシ)-8-メトキシプリン20 mg (0.061 mmol)の濃塩酸5 ml 溶液を室温下3時間攪拌した。反応液を28%アンモニア水で塩基性とし、析出物を濾取し水洗した後、3%-メタノール/クロロホルムでシリカゲルカラムクロマト精製を行い、標題化合物13 mg

を得た(68%)。

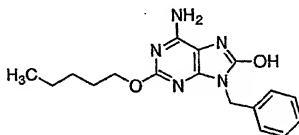
$^1\text{H-NMR}$ (DMSO- d_6) δ : 9.95(1H, br s), 7.35-7.23(5H, m), 6.45(2H, br s), 4.86(2H, s), 4.13(2H, t, $J=6.4\text{Hz}$), 1.62(2H, m), 1.37(2H, m), 0.90(3H, t, $J=7.3\text{Hz}$).

【0144】

実施例 11

6-アミノ-9-ベンジル-2-(n-ペントキシ)-8-プリンノール

【化39】



6-アミノ-9-ベンジル-8-メトキシ-2-(n-ペントキシ)プリン40 mg(0.117 mmol)の濃塩酸20 ml溶液を室温下12時間攪拌した。反応液を28%アンモニア水で塩基性とし、析出物を濾取し水洗することにより、標題化合物33 mgを得た(86%)。

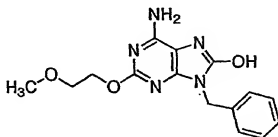
$^1\text{H-NMR}$ (DMSO- d_6) δ : 9.97(1H, br s), 7.35-7.24(5H, m), 6.44(2H, br s), 4.85(2H, s), 4.13(2H, t, $J=6.6\text{Hz}$), 1.62(2H, m), 1.32(4H, m), 0.88(3H, t, $J=6.4\text{Hz}$).

【0145】

実施例 12

6-アミノ-9-ベンジル-2-(2-メトキシエチル)-8-プリンノール

【化40】



(1) 6-アミノ-9-ベンジル-2-(2-メトキシエチル)プリン

6-アミノ-9-ベンジル-2-クロロプリン 150 mg (0.58 mmol) とナトリウム 2-メトキシエチラート 283 mg (2.89 mmol) の 2-メトキシエノール 50 ml 溶液を 6 時間、加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルム抽出した。有機層を硫酸ナトリウムで乾燥後、減圧乾固した。残渣をシリカゲルカラムクロマト精製 (2%-メタノール/クロロホルム) を行い、標題化合物 123 mg を得た (71%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 8.05 (1H, s), 7.36-7.27 (5H, m), 7.23 (2H, br s), 5.26 (2H, s), 4.32 (2H, t, $J=4.6\text{Hz}$), 3.61 (2H, t, $J=4.6\text{Hz}$), 3.28 (3H, s)。

【0146】

(2) 6-アミノ-9-ベンジル-8-ブロモ-2-(2-メトキシエチル)プリン

6-アミノ-9-ベンジル-2-(2-メトキシエチル)プリン 93 mg (0.31 mmol) と臭素 1 ml の塩化メチレン 100 ml 溶液を室温で、1 時間、攪拌した。反応液にチオ硫酸ナトリウム水溶液を加え、有機層を分離して硫酸ナトリウムで乾燥後、減圧乾固した。残渣をシリカゲルカラムクロマト精製 (1%-メタノール/クロロホルム) を行い、標題化合物 75 mg を得た (64%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.46 (2H, br s), 7.38-7.23 (5H, m), 5.25 (2H, s), 4.33 (2H, t, $J=4.6\text{Hz}$), 3.61 (2H, t, $J=4.6\text{Hz}$), 3.28 (3H, s)。

【0147】

(3) 6-アミノ-9-ベンジル-8-メトキシ-2-(2-メトキシエチル)プリン

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6-アミノ-9-ベンジル-8-ブロモ-2-(2-メトキシエチル)プリン 69 mg (0.18 mmol) の 1% ナトリウムメチレート/メタノール溶液 50 ml を 6 時間、加熱還流した。反応液を減圧乾固し、残渣に水を加えてクロロホルムで抽出した。有機層を硫酸ナトリウムで乾燥させ、溶媒を留去した。残渣をシリカゲルカラムクロマト精製 (1%-メタノール/クロロホルム) を行い、標題化合物 26 mg を得た (43%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 7.36-7.23 (5H, m), 6.88 (2H, br s), 5.04 (2H, s), 4.29 (2H, t, $J=4.6\text{Hz}$), 4.04 (3H, s), 3.60 (2H, t, $J=4.6\text{Hz}$), 3.28 (3H, s)。

【0148】

(4) 6-アミノ-9-ベンジル-2-(2-メトキシエチル)-8-ブリン

6-アミノ-9-ベンジル-8-メトキシ-2-(2-メトキシエチル)プリン 21 mg (0.064 mmol) の濃塩酸 20 ml 溶液を 5 時間、加熱還流した。反応液を 28% アンモニア水で塩基性とし、析出物を濾取し、水洗、乾燥し、標題化合物 17 mg を得た (84%)。

$^1\text{H-NMR}$ (DMSO- d_6) δ : 9.97 (1H, br s), 7.35-7.23 (5H, m), 6.48 (2H, br s), 4.86 (2H, s), 4.26 (2H, t, $J=4.6\text{Hz}$), 3.58 (2H, t, $J=4.6\text{Hz}$), 3.27 (3H, s)。

【0149】

実施例 13

インターフェロン生成誘導活性

1. 実験方法

1) 実験動物

C3H/HeJ 系マウスの雄性 (5-8 週齢) を使用 (日本クレア (株) より入手)。

2) 試薬

MEM (阪大微研)、FCS (GIBCO 社製又は filtron 社製)、DMSO (ナカテック)。

3) 被験化合物

被験化合物をそれぞれ 1 mg 程度、正確に秤量し、DMSO で溶解し、被験化合物の 1 又は 10 mM の溶液を作成する。この溶液をさらに培地 (MEM + 10% FCS) で 500 倍に希釈してサンプル液として使用した。

4) 脾細胞および培養上清の調製

マウス2〜3匹を1週間予備飼育した後、脾臓を摘出した。PBS(-)溶液中で、脾臓よりピペettingにより、均一な細胞浮遊液を調製した。この細胞浮遊液を遠心し(1200rpm, 5min., 4℃)、上清を除去した。氷冷0.2%食塩水4mlを加えて素早く懸濁させ、30秒後に氷冷1.6%食塩水4mlを加えて遠心し、上清を除去した。PBS(-)溶液10mlを加えて懸濁し、遠心後上清を除去した。培地(MEM+10%FCS)10mlを加えて懸濁し、遠心後上清を除去した。さらに、培地5mlで懸濁させ、細胞数を調整した(トリパンブルー染色、 2×10^6 cells/ml)。得られた細胞調整液を24ウェルプレートに注入(0.5ml/well)した後、それぞれにサンプル液0.5ml/wellを加えて、インキュベート(37℃、5%炭酸ガス)を24時間行った。培養上清を濾過(0.22μm)し、バイオアッセイサンプルとして、-20℃で保存した。

5) 培養上清中のインターフェロン-αの定量

単層培養したL細胞(大日本製薬(株))をトリプシン処理し、直ちに培地を加え、ピペettingにより、細胞懸濁液を調整する(4×10^5 cell/ml)。96ウェルプレート(住友ベークライト社製)の全ウェルに細胞液を100μlずつ注入し、約6時間インキュベートした(37℃、5%炭酸ガス)。

希釈プレートで段階希釈された標準マウスIFN(Lee Bio Molec. Res.社製)と上記バイオアッセイサンプルをアッセイプレートに50μlずつ添加する。なお、未感染細胞対照群およびウイルス感染対照群には、培地のみ50μlを添加する。

約18時間インキュベートした後、アッセイプレートの培養液を除去した。希釈されたウシ水泡性口内炎ウイルス液(家畜衛生試験所より分与のウイルスをBHK細胞でクローニング(3.7×10^6 PFU/ml)し、その原液を300倍に希釈する)をウイルス未感染対照群を除く全てのウェルに100μlずつ添加した。ウイルス未感染対照群には培地のみ100μl添加した。

約48時間インキュベート後、アッセイプレート上のウイルス液を吸引除去した。全ウェルに染色液(ニユートラルレッド)を50μlずつ添加し、45分間インキュベートした。染色液を吸引除去し、PBS(-)でウェル内を洗浄した。

PBS(-)の除去後、UVランプを10時間照射し、ウイルスを不活性化する。0.1M NaH_2PO_4 と99.5%エタノールの1:1混合液を100 μl ずつ各ウェルに添加し、プレートミキサーで約5分間攪拌した。その後、プレートリーダーで540 nmの吸光度を測定した。

6)測定結果

結果を表4に示す。本発明化合物はインターフェロンの生合成誘導活性を有することが明らかとなった。

【表370】

表4

化合物(実施例)	インターフェロン誘導活性 (IU/ml)	
	(1 μM)	(10 μM)
5	—	19.1
6	23.8	21.7
7	26.3	16.8
8	23.8	15.3
9	23.1	16.1
10	24.0	20.4
11	24.6	19.8
12-(4)	25.9	24.9

【0150】

【発明の効果】

本発明により、本発明化合物を有効成分とするインターフェロン誘導剤が提供される。本発明のインターフェロン誘導剤は、インターフェロンの生合成を誘導し、または活性化することから、インターフェロンの生物学的作用、即ち、抗ウイルス作用、細胞増殖抑制作用、免疫調節作用等の種々の作用に基づく治療剤として有用であり、例えば、B型およびC型肝炎等のウイルス性疾患治療剤、抗ガン剤あるいは免疫疾患治療剤として有用である。

【表306】

表1の続き

R ¹	R ²	R ³	Y ¹	Y ²
ethylamino	methyl	ethoxycarbonyl	4-methylcarbamoyl	H
ethylamino	methyl	2-methoxyethyl	2-methoxycarbonyl	H
ethylamino	methyl	ethyl	3-methoxycarbonyl	H
ethylamino	methyl	propyl	4-methoxycarbonyl	H
ethylamino	methyl	benzoyl	2-amino	H
ethylamino	methyl	methoxycarbonyl	3-amino	H
ethylamino	methyl	ethoxycarbonyl	4-amino	H
ethylamino	methyl	2-methoxyethyl	2-methylamino	H
ethylamino	methyl	ethyl	3-methylamino	H
ethylamino	methyl	propyl	4-methylamino	H
ethylamino	methyl	benzoyl	2-dimethylamino	H
ethylamino	methyl	methoxycarbonyl	3-dimethylamino	H
ethylamino	methyl	ethoxycarbonyl	4-dimethylamino	H
ethylamino	methyl	2-methoxyethyl	2-trifluoromethyl	H
ethylamino	methyl	ethyl	3-trifluoromethyl	H
ethylamino	methyl	propyl	4-trifluoromethyl	H
ethylamino	methyl	benzoyl	2-fluoromethyl	H
ethylamino	methyl	methoxycarbonyl	3-fluoromethyl	H
ethylamino	methyl	ethoxycarbonyl	4-fluoromethyl	H
ethylamino	methyl	2-methoxyethyl	2-hydroxy	H
ethylamino	methyl	ethyl	3-hydroxy	H
ethylamino	methyl	propyl	4-hydroxy	H
ethylamino	methyl	benzoyl	4-(4-fluorobenzoyl)	H
ethylamino	methyl	methoxycarbonyl	3-(4-fluorobenzoyl)	H
ethylamino	methyl	ethoxycarbonyl	2-(4-fluorobenzoyl)	H
ethylamino	methyl	2-methoxyethyl	4-(4-methylbenzoyl)	H
ethylamino	methyl	ethyl	3-(4-methylbenzoyl)	H
ethylamino	methyl	propyl	2-(4-methylbenzoyl)	H
ethylamino	methyl	benzoyl	4-chloroacetyl	H
ethylamino	methyl	methoxycarbonyl	3-chloroacetyl	H
ethylamino	methyl	ethoxycarbonyl	2-chloroacetyl	H
ethylamino	methyl	2-methoxyethyl	4-ethoxycarbonyl	H
ethylamino	methyl	ethyl	3-ethoxycarbonyl	H
ethylamino	methyl	propyl	2-ethoxycarbonyl	H
ethylamino	methyl	benzoyl	4-carboxy	H
ethylamino	methyl	methoxycarbonyl	3-carboxy	H
ethylamino	methyl	ethoxycarbonyl	2-carboxy	H
ethylamino	methyl	2-methoxyethyl	4-chloromethoxy	H
ethylamino	methyl	ethyl	3-chloromethoxy	H
ethylamino	methyl	propyl	2-chloromethoxy	H

続く

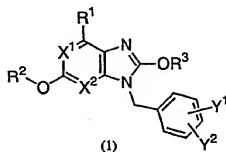
【書類名】 要約書

【要約】

【課題】 インターフェロン生成誘発活性を有するプリン化合物、およびこれを有効成分とする抗ウイルス剤、抗ガン剤、あるいは免疫疾患治療剤の提供。

【解決手段】 一般式(1)

【化1】



(式中、 X^1 および X^2 は共に窒素原子を表すか、 X^1 は窒素原子で X^2 はCHを表すかまたは X^1 はCHで X^2 は窒素原子を表す。

R^1 はアミノ基、アルキルアミノ基等を表す。

R^2 は水素原子、アルキル基、置換アルキル基、アルケニル基、置換アルケニル基等を表す。

R^3 は水素原子、アルキル基、置換アルキル基、アルカノイル基、置換アルカノイル基、アロイル基等を表す。

Y^1 および Y^2 は同一または異なって、水素原子、水酸基、アルキル基、置換アルキル基、アルコキシ基、置換アルコキシ基、アルカノイル基等を表す。

)で表される複素環化合物またはその医薬的に許容される塩。

【選択図】 なし

【書類名】 職権訂正データ
 【訂正書類】 特許願

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